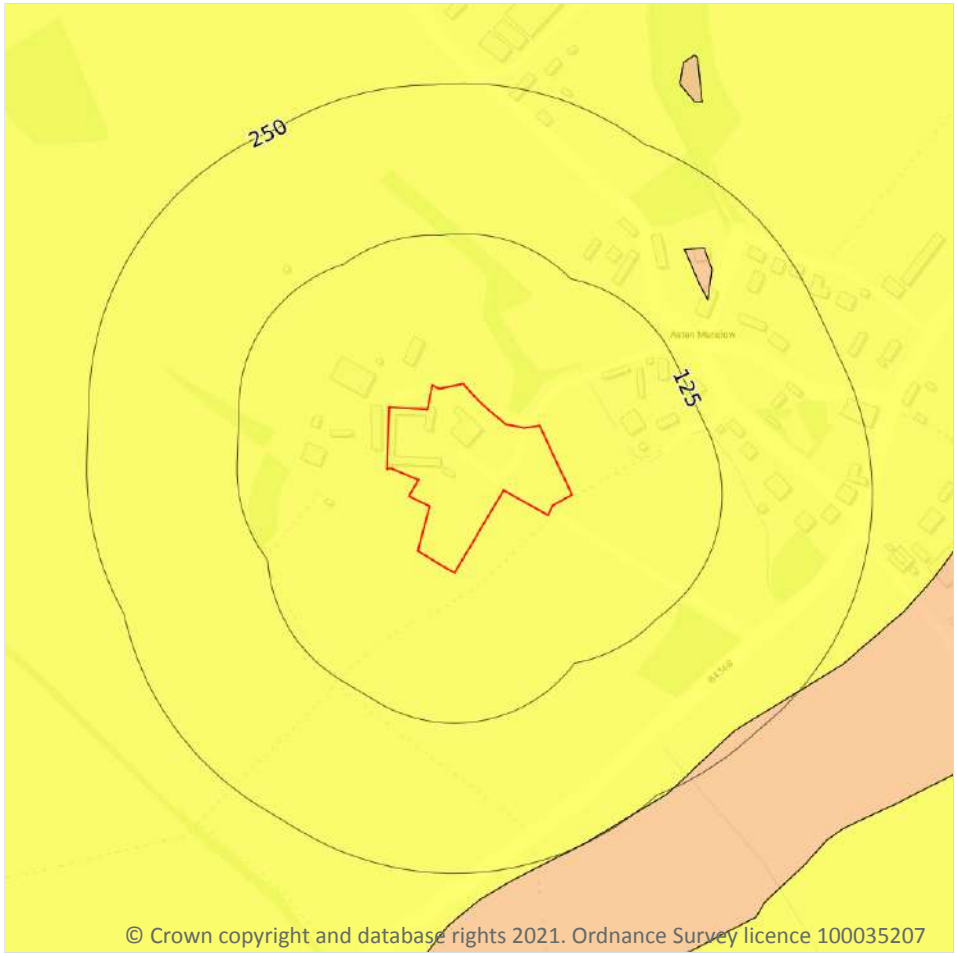
Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	1

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 81**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks

17.6 Ground dissolution of soluble rocks

Records within 50m	1

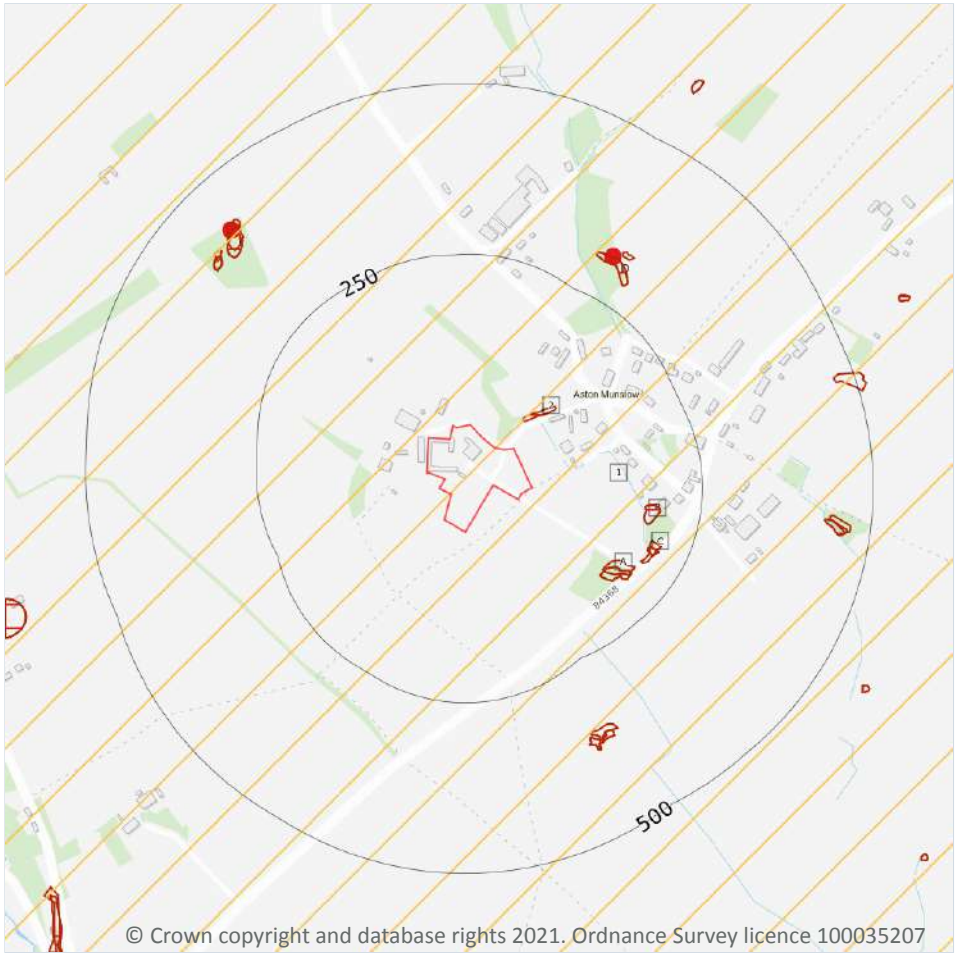
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 82**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

Natural cavities (Area)

Natural cavities (Point)

BritPits

Surface ground workings

Underground workings

Historical Mineral Planning Areas

Mining Cavities

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m	**2**

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining, ground workings and natural cavities map on **page 83**

ID	Location	Details	Description
D	316m NE	Name: Aston Munslow Address: Munslow, CHURCH STRETTON, Shropshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
F	419m NW	Name: Aston Munslow Address: Munslow, CHURCH STRETTON, Shropshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	**9**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining, ground workings and natural cavities map on **page 83**

ID	Location	Land Use	Year of mapping	Mapping scale
2	43m N	Pond	1883	1:10560
A	158m SE	Ponds	1883	1:10560
A	161m SE	Ponds	1949	1:10560
A	161m SE	Ponds	1901	1:10560
B	169m E	Pond	1949	1:10560
B	169m E	Pond	1901	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
C	191m SE	Ponds	1883	1:10560
C	192m SE	Pond	1949	1:10560
C	192m SE	Pond	1901	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	**0**

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	**0**

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	**2**

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining, ground workings and natural cavities map on **page 83**

ID	Location	Name	Commodity	Class	Likelihood
1	**On site**	**Not available**	**Vein Mineral**	**B**	**Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered**

ID	Location	Name	Commodity	Class	Likelihood
-	826m W	Not available	Vein Mineral	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	1

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

Location	Details
On site	**Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) may have information such as mining plans and maps held within their archive that have occurred within 1km of this property. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk.**

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

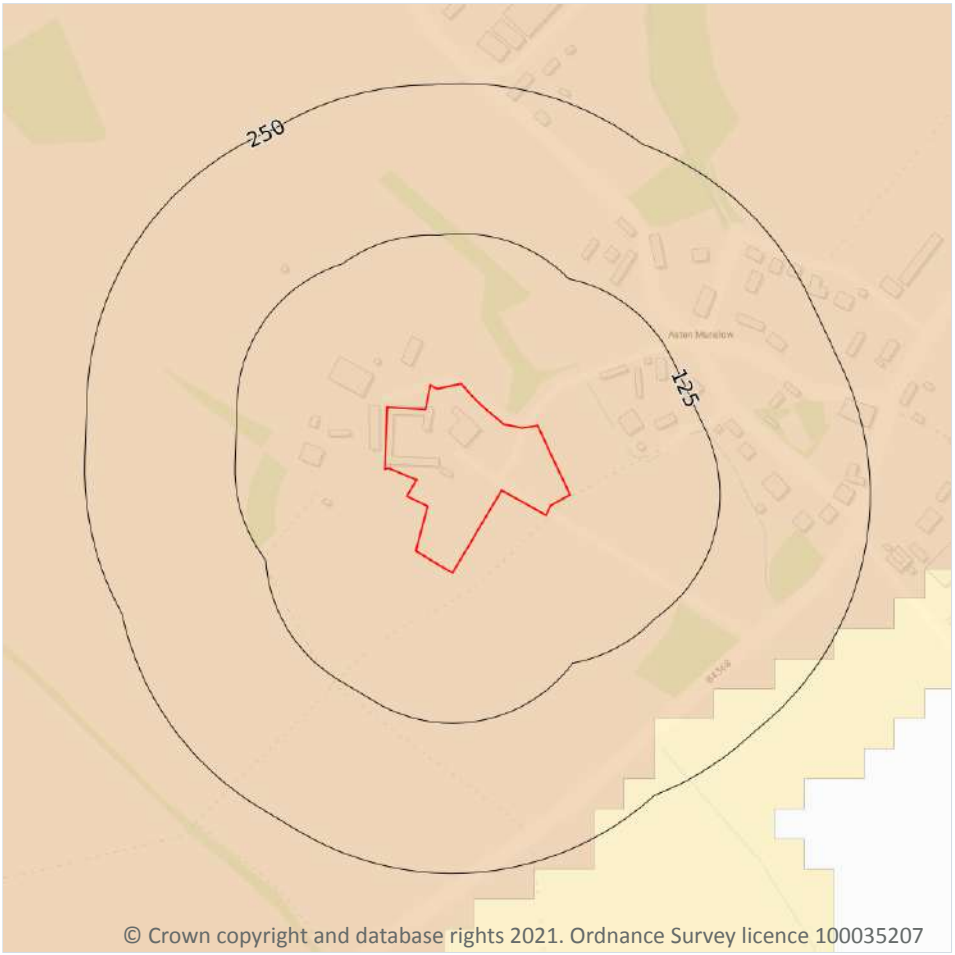
18.13 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

19.1 Radon

Records on site	1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 88**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 5% and 10%**	**Basic**

This data is sourced from the British Geological Survey and Public Health England.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	3

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
20m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference.

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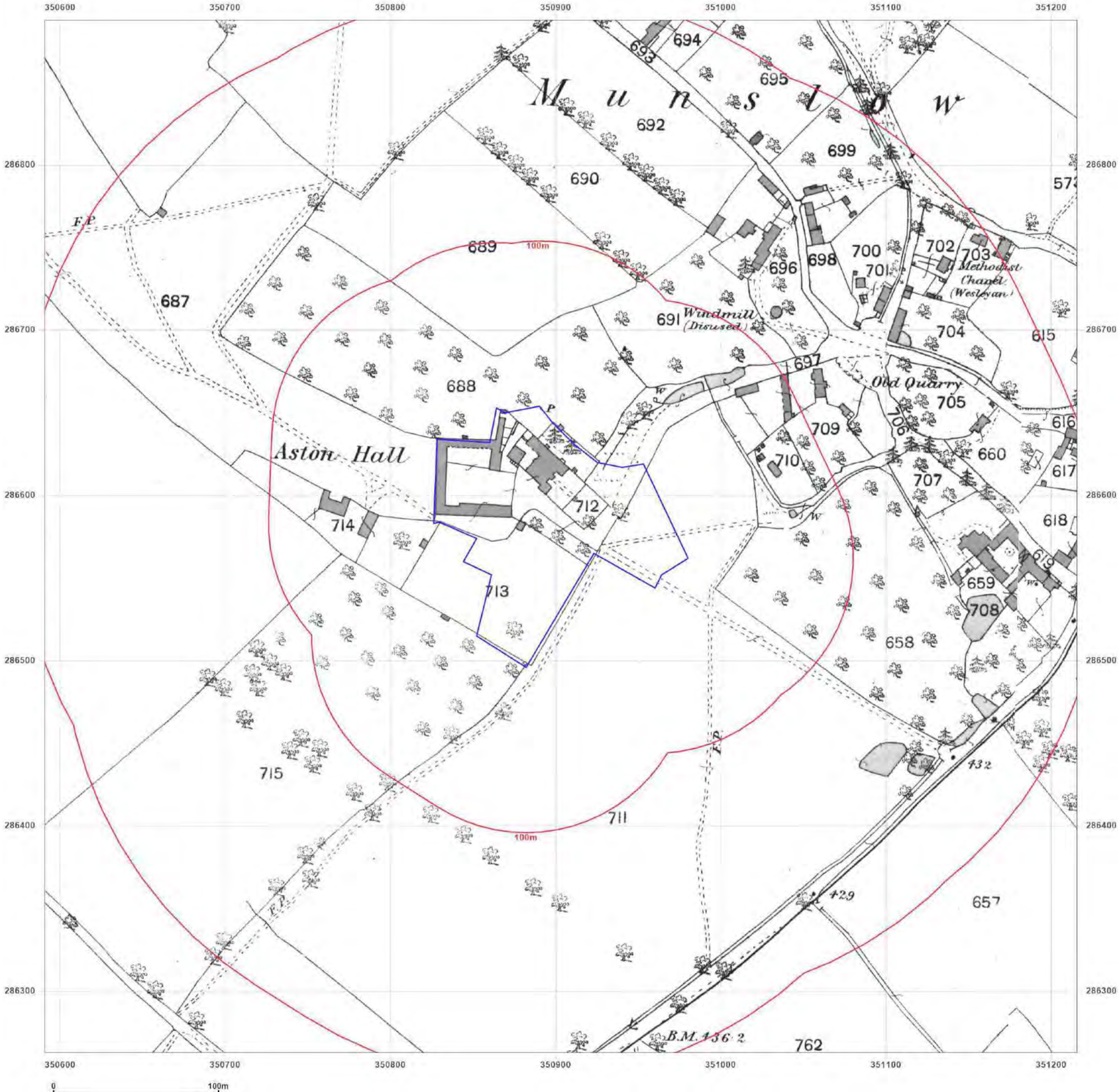

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Client Ref: 13238
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Grid Ref: 350903, 286575

Map Name: County Series
Map date: **1884**
Scale: 1:2,500
Printed at: 1:2,500

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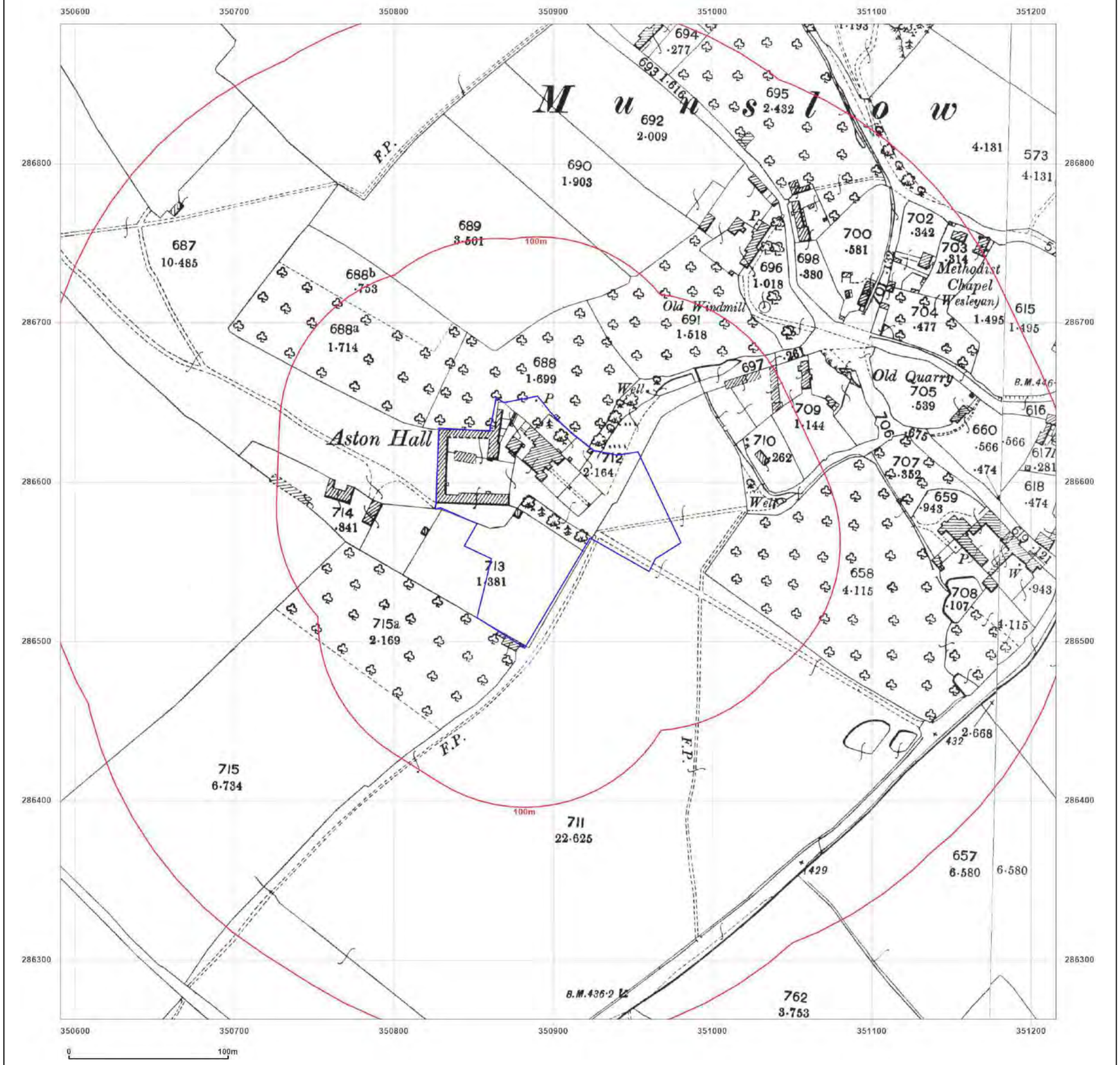

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Grid Ref: 350903, 286575

Map Name: County Series
Map date: **1903**
Scale: 1:2,500
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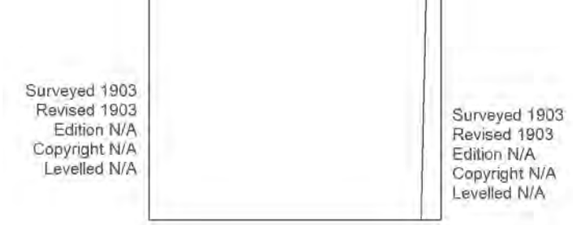

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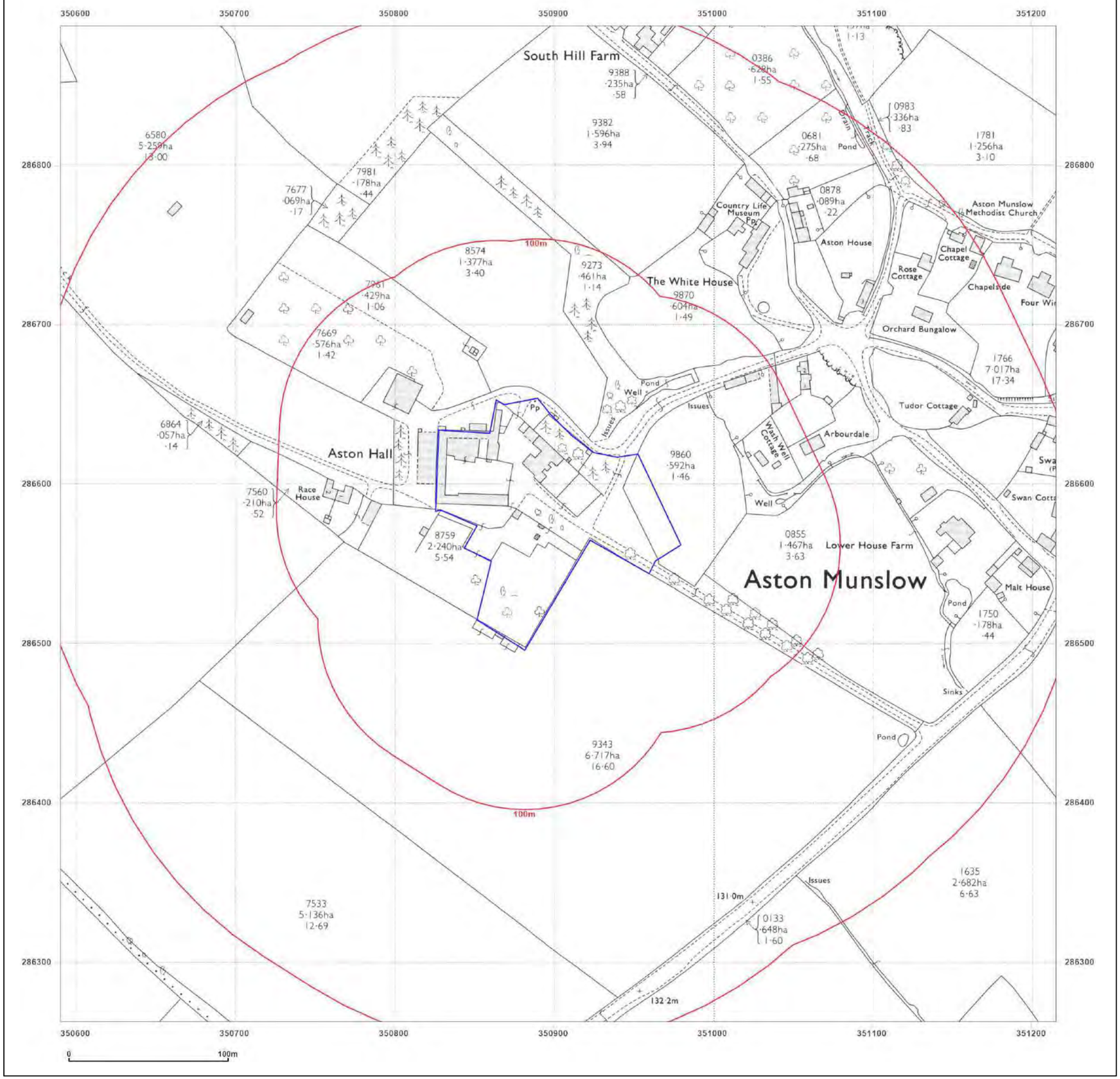

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Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **1972**
Scale: 1:2,500
Printed at: 1:2,500

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Edition N/A
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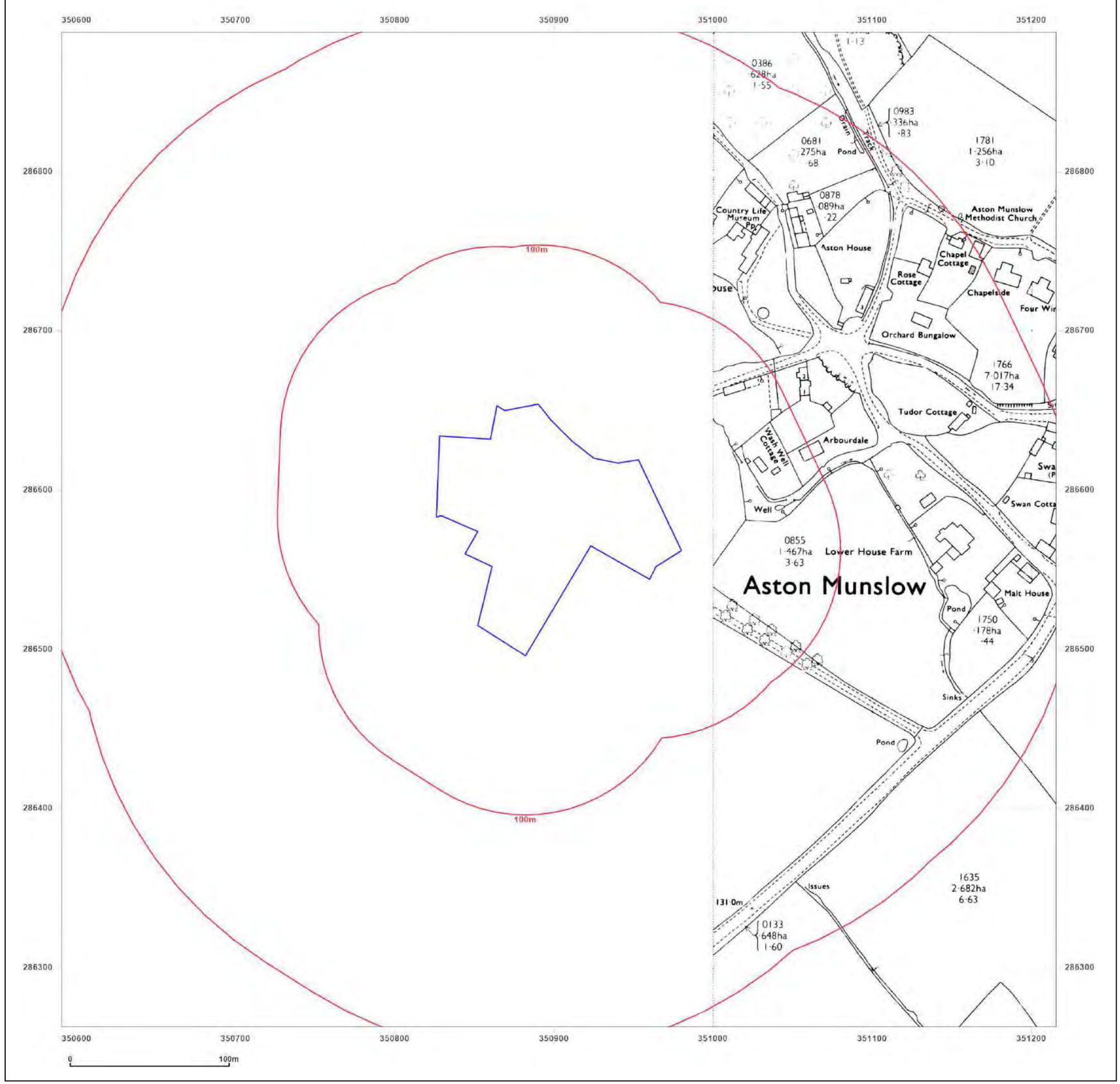

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9ER

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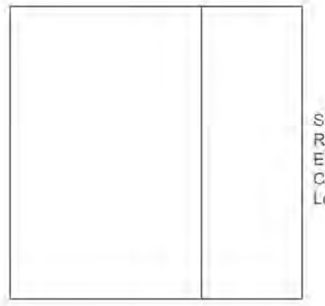

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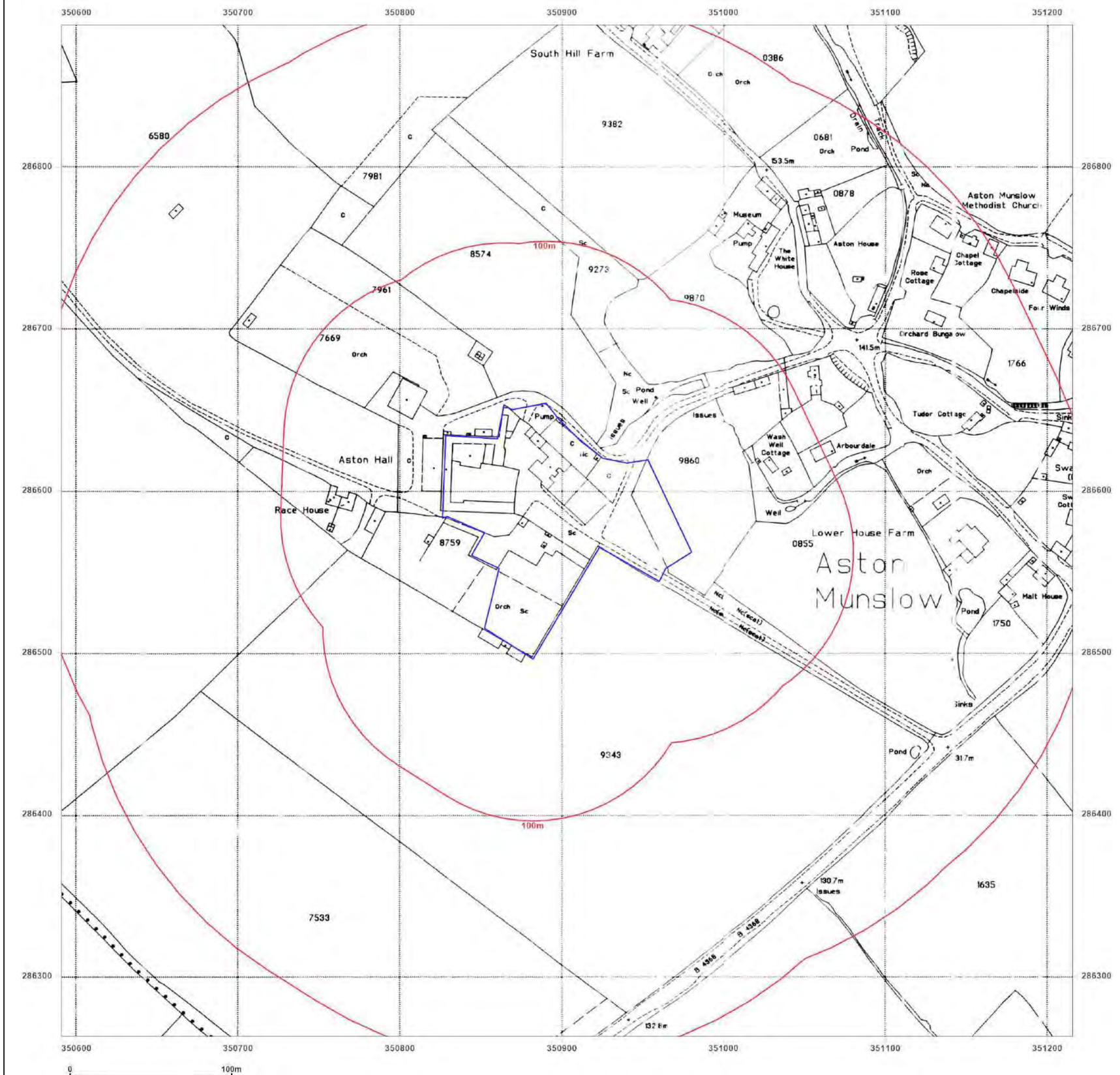

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Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **1994**
Scale: 1:2,500
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Client Ref: 13238
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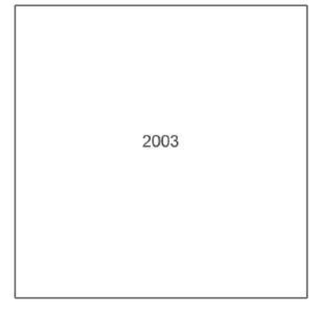

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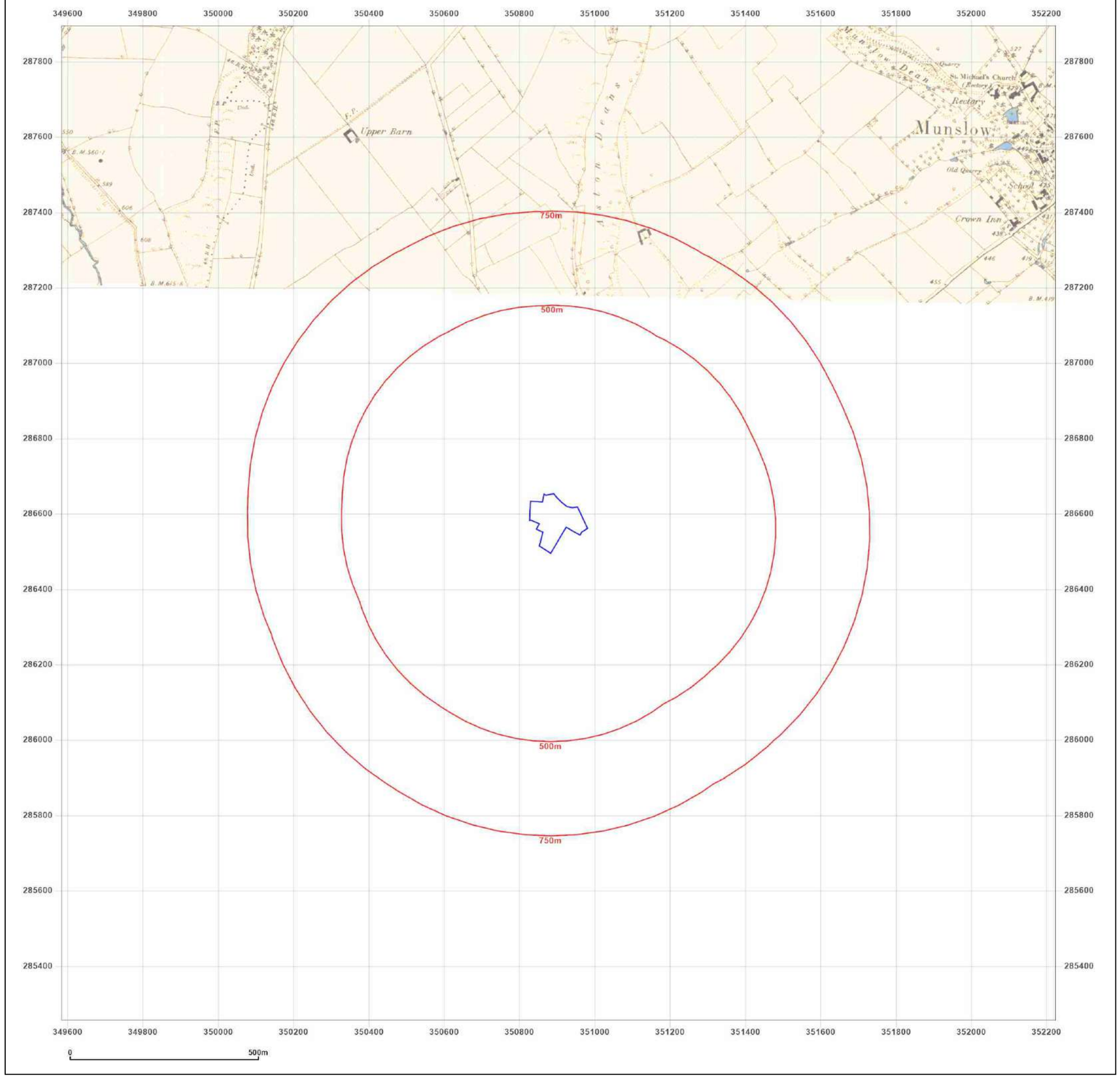

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9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: County Series

Map date: **1883**

Scale: 1:10,560

Printed at: 1:10,560

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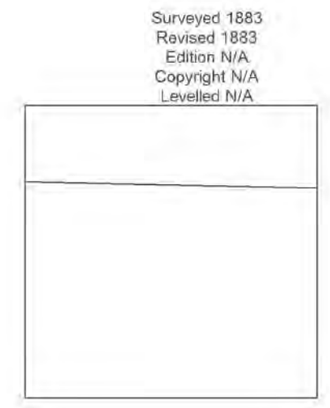

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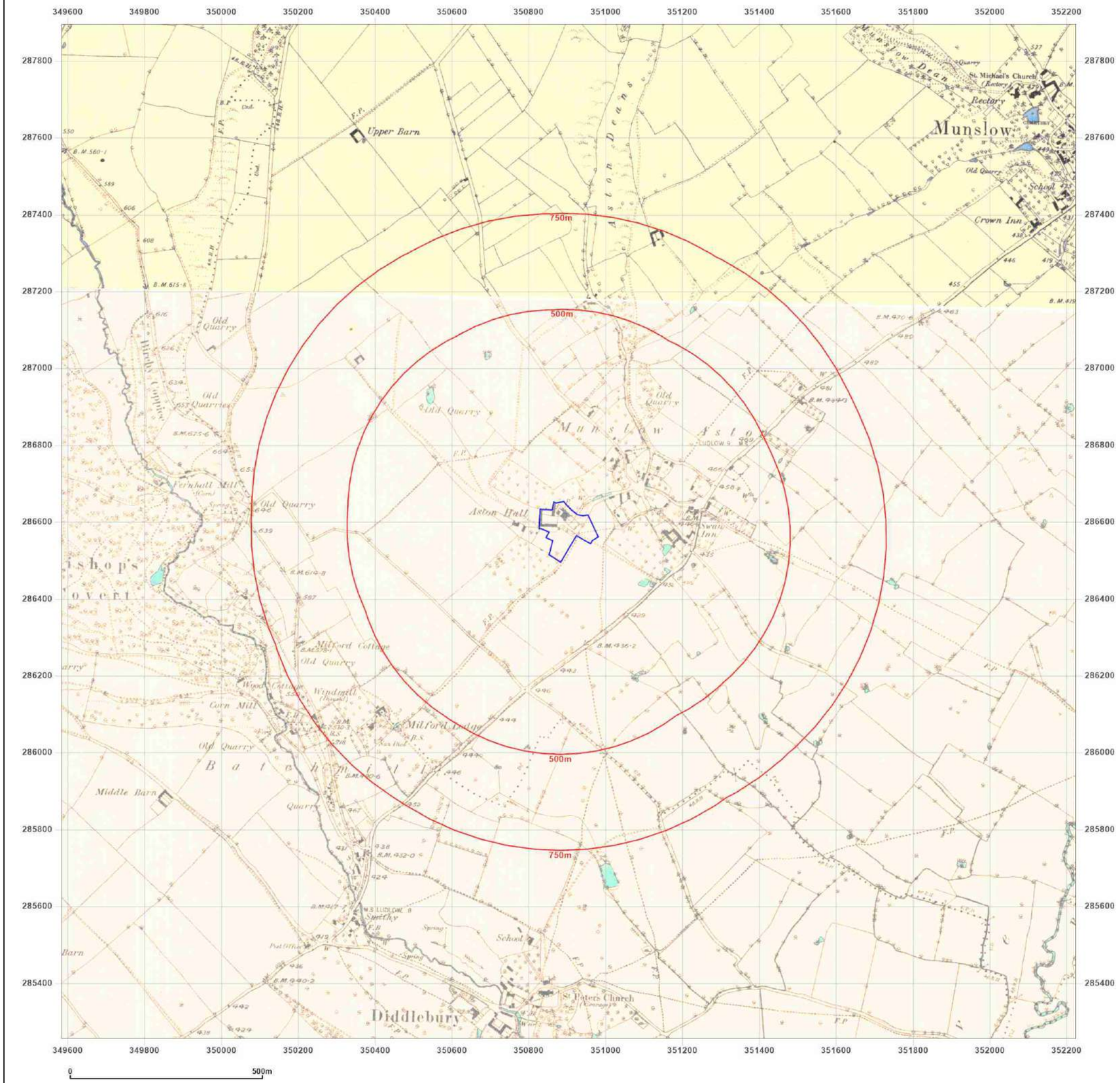

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Map Name: County Series

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Printed at: 1:10,560

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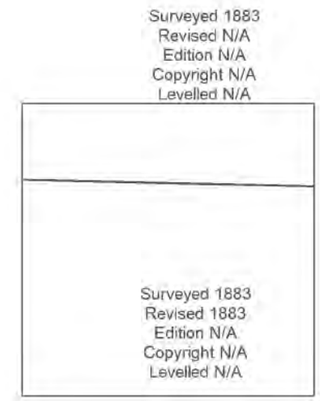

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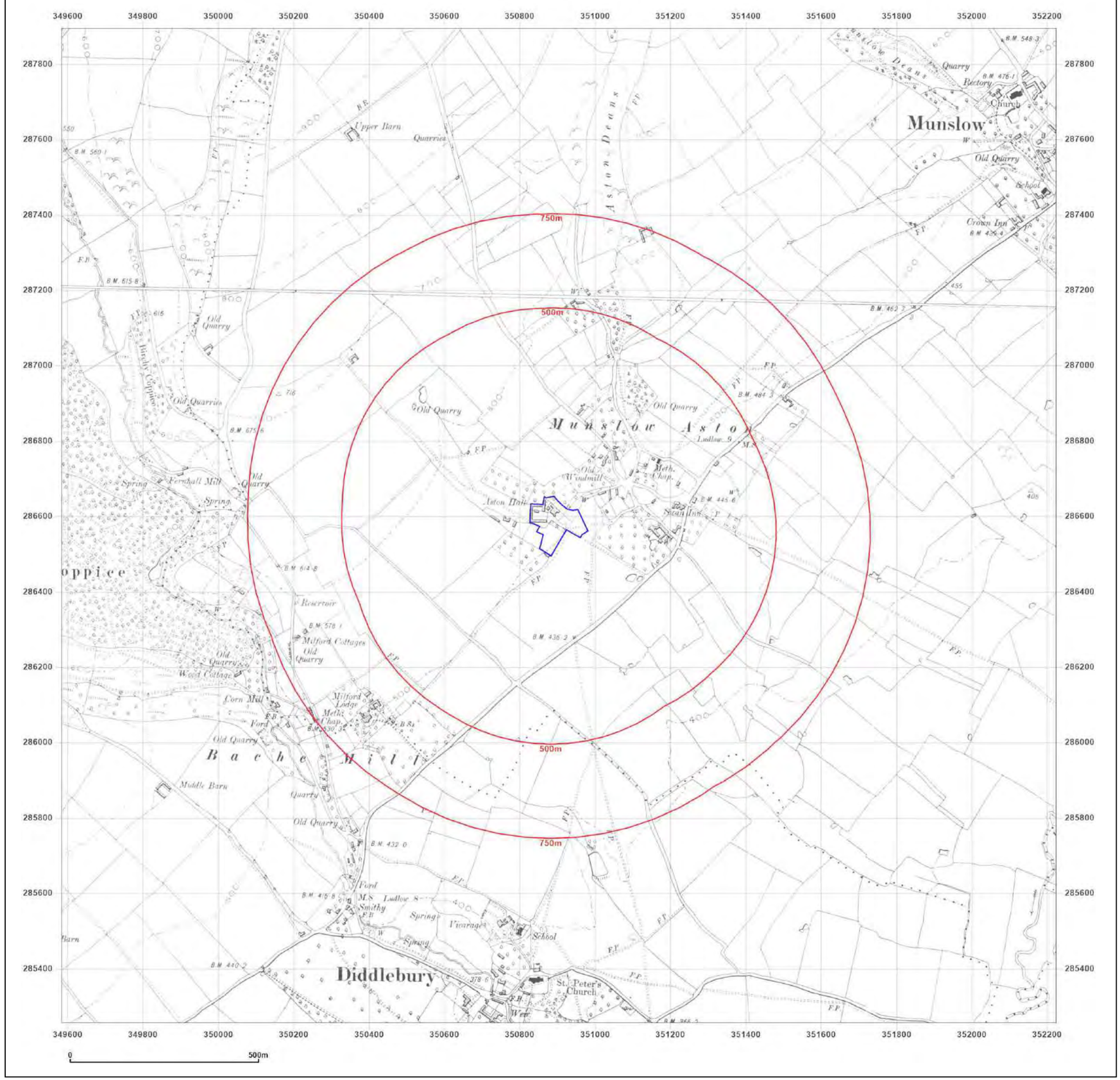

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Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: County Series
Map date: **1901**
Scale: 1:10,560
Printed at: 1:10,560

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Revised 1901
Edition N/A
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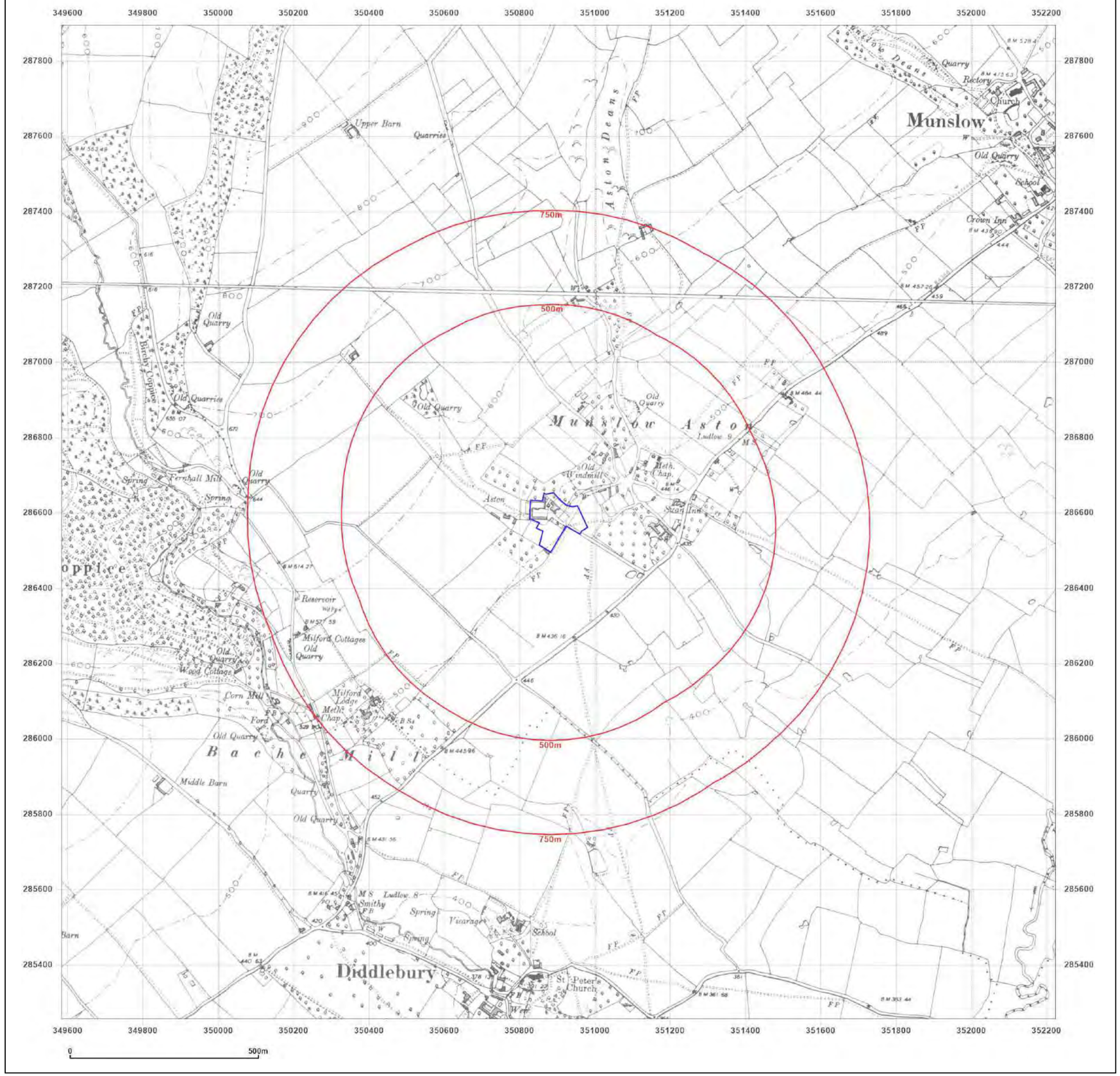

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FOR A BETTER POINT OF VIEW

Site Details:

Aston Hall Barns, Aston Hall, Aston Munslow, Shropshire, SY7 9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: County Series

Map date: **1949**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1883
Revised 1949
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1949
Edition N/A
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Map legend available at:
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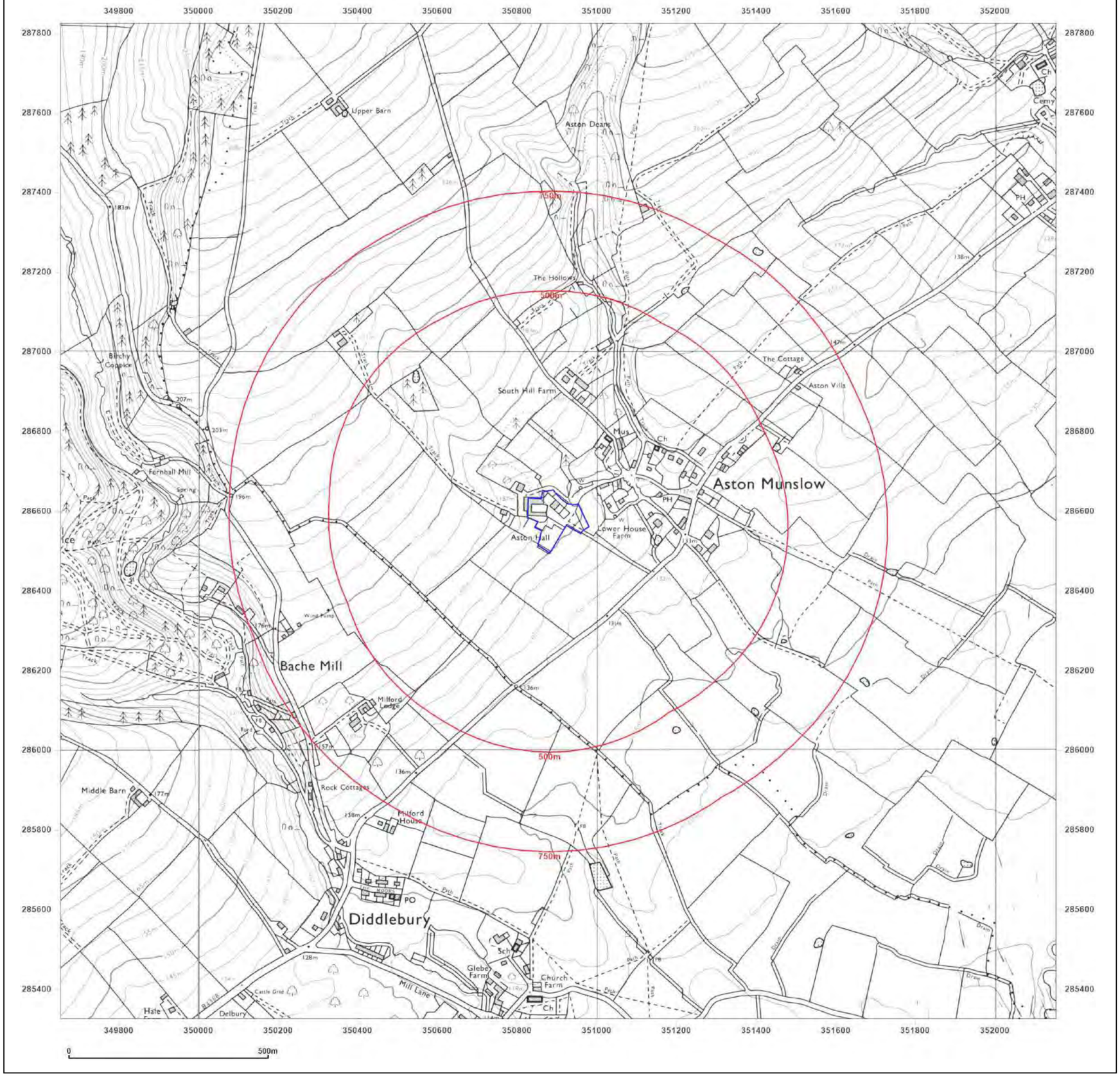

CENTRE MAPS LIVE.
FOR A BETTER POINT OF VIEW

Site Details:

Aston Hall Barns, Aston Hall, Aston Munslow, Shropshire, SY7 9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **1978-1980**
Scale: 1:10,000
Printed at: 1:10,000

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Surveyed 1974
Revised 1980
Edition N/A
Copyright 1980
Levelled 1973

Surveyed 1972
Revised 1977
Edition N/A
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Levelled 1973

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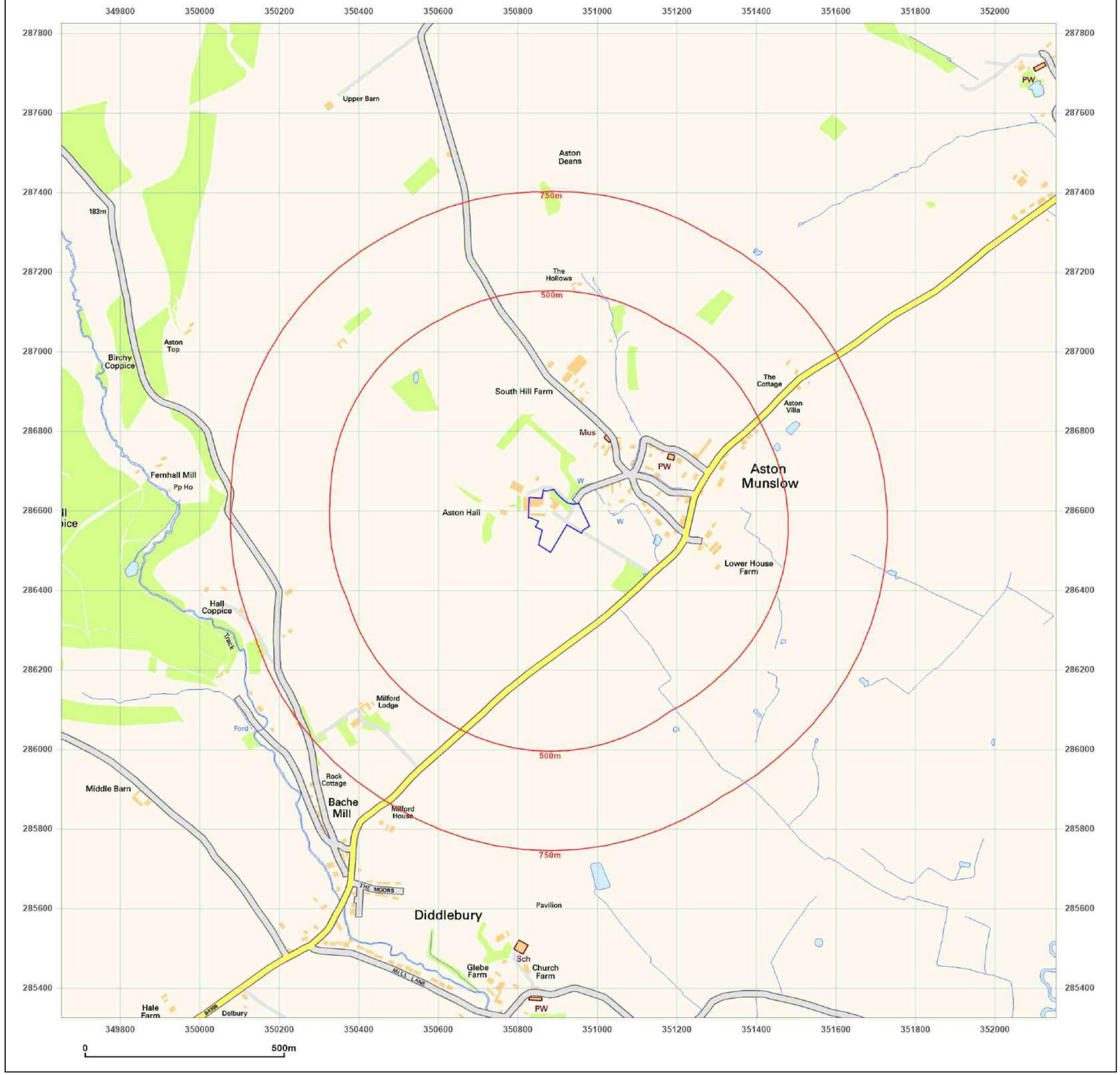

CENTRE MAPS LIVE.
FOR A BETTER POINT OF VIEW

Site Details:

Aston Hall Barns, Aston Hall, Aston Munslow, Shropshire, SY7 9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **2001**
Scale: 1:10,000
Printed at: 1:10,000

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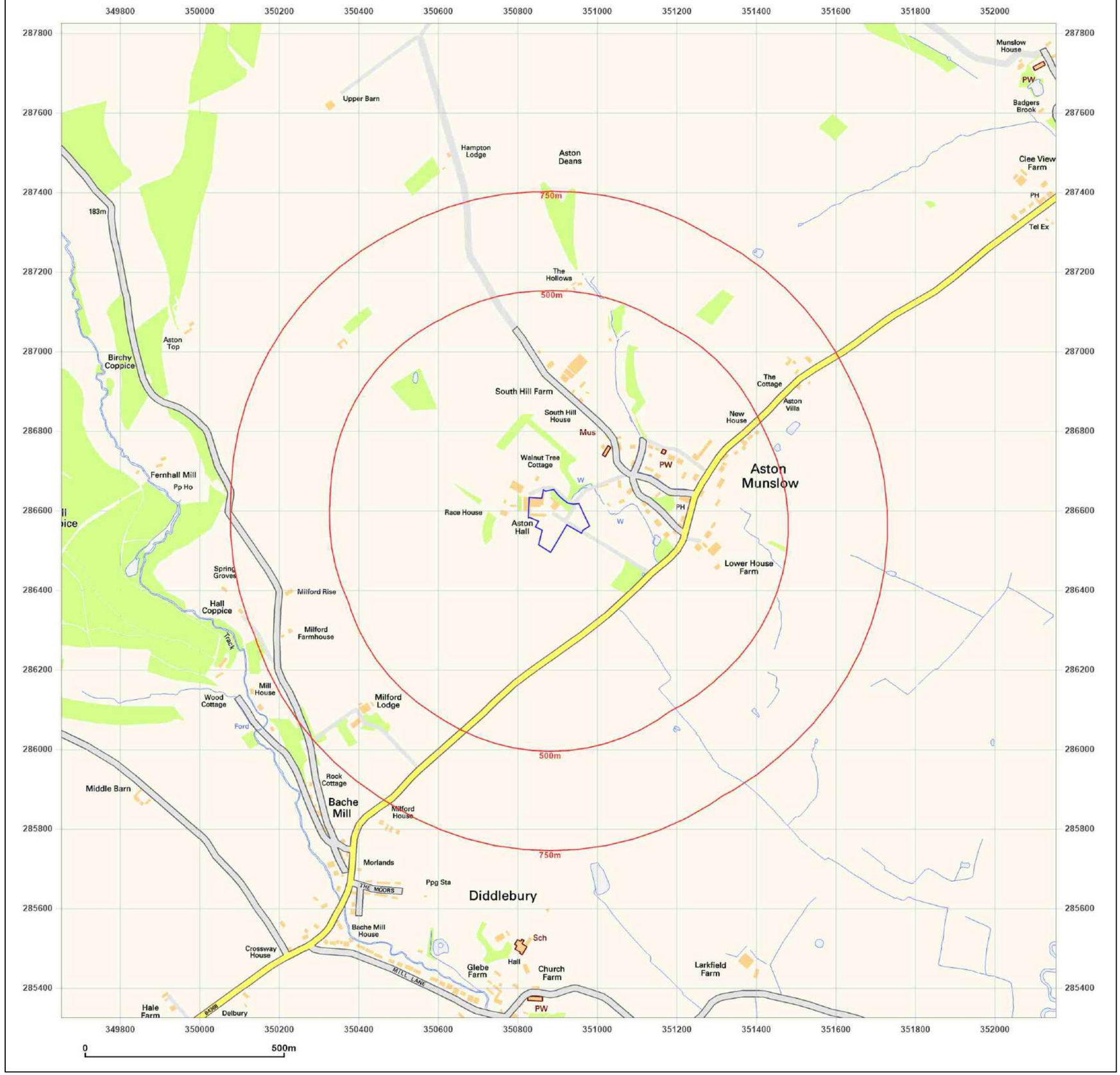

CENTRE MAPS LIVE.
FOR A BETTER POINT OF VIEW

Site Details:

Aston Hall Barns, Aston Hall, Aston Munslow, Shropshire, SY7 9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **2010**
Scale: 1:10,000
Printed at: 1:10,000

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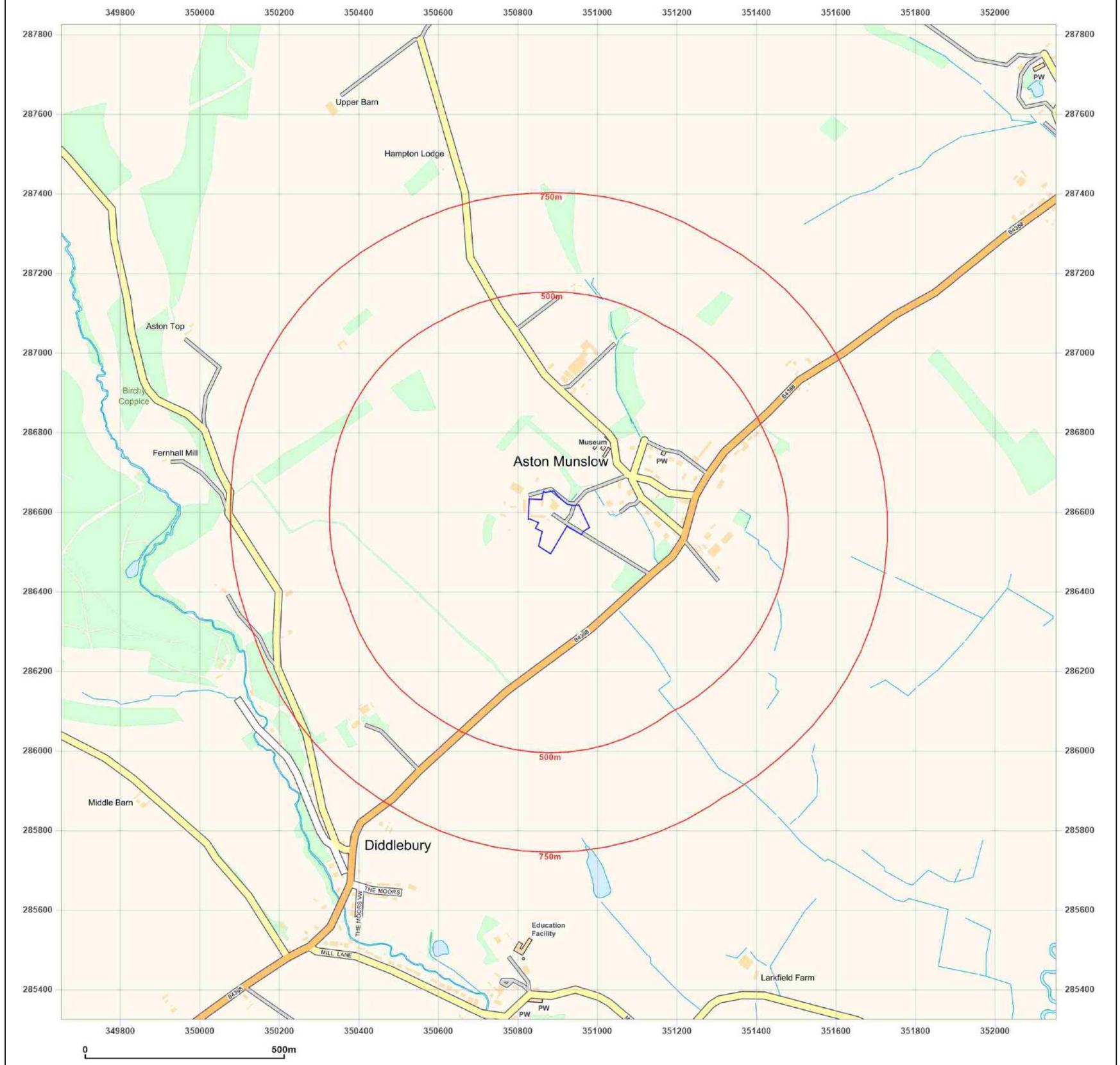

CENTRE MAPS LIVE.
FOR A BETTER POINT OF VIEW

Site Details:

Aston Hall Barns, Aston Hall, Aston Munslow, Shropshire, SY7 9ER

Client Ref: 13238
Report Ref: CMAPS-CM-985025-13238-190821HIS
Grid Ref: 350903, 286575

Map Name: National Grid
Map date: **2021**
Scale: 1:10,000
Printed at: 1:10,000

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2021

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Production date: 19 August 2021

Map legend available at:
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Appendix D

Trial Pit Logs & Sketches

Integrale Limited, Suite 7, Westway Farm Business Park, Wick Road, Bishop Sutton, Somerset, BS39 5XP United Kingdom
Tel: 01275 333 036 www.integrale.uk.com

Registered Office: The Granary, Chewton Fields, Ston Easton, Somerset, BA3 4BX United Kingdom VAT Reg. No. 609 7402 37

Intégrale
Understanding Ground Conditions

Suite 7, Westway Farm Business Park
Wick Road, Bishop Sutton, Somerset,
BS39 5XP, United Kingdom

Tel: 01275 333036
www.integrale.uk.com

STANDARD METHODOLOGY FOR MECHANICAL TRIAL PITTING

Trial pits are mechanically excavated using a wheeled or tracked backhoe or mini-excavator, typically fitted with toothed buckets. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure 1 and the trial pit records included as a separate appendix.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out insitu testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Insitu testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed from within the pit to depths of approximately 1.2m below ground level and within excavated spoil below this. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m^2.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted with the excavator bucket and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.

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Understanding Ground Conditions

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STANDARD METHODOLOGY FOR HAND EXCAVATED TRIAL PITS

Trial pits are manually excavated using hand tools with assistance from a mechanical excavator where possible. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure 1 and the trial pit records included as a separate appendix. Where necessary, details of exposed foundations are annotated on a measured sketch section appended to the trial pit records.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed on recovered samples from the pit to depths of up to approximately 1.0m below ground level. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m^2. If the material is suitable, the soil strength is examined using a pocket penetrometer.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted by hand and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.

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EXPLORATORY HOLE EXPLANATION SHEET

SAMPLES AND TESTS

AMAL	Amalgamated sample
B	Bulk disturbed sample
BLK	Block sample
C	Core sample
CBR	CBR mould sample
D	Small disturbed sample
ES	Environmental sample
EW	Environmental water sample
G	Gas sample
J	Jar sample
LB	Large bulk disturbed sample
M	Mazier type sample
SPTLS	Standard penetration sample
TW	Thin-walled push in sample
U	Undisturbed sample - open drive
UT	Thin wall open drive tube sampler
W	Water sample
HVP	Hand-held shear vane test
HSV	Hand-held shear vane test
MEX	Mexicone penetrometer test
PID	Photoionization detector (gas)

SOILS

- Topsoil
- Concrete
- Made Ground (Fill)
- Peat
- Clay
- Silt
- Sand
- Gravel
- Cobbles
- Boulders

Note: composite soil types will be signified by combined soil types e.g.

- Silty Sand

SEDIMENTARY

- Chalk
- Limestone
- Conglomerate
- Breccia
- Sandstone
- Siltstone
- Mudstone
- Shale
- Coal
- Pyroclastic (Volcanic Ash)
- Gypsum, Rocksalt, etc.
- Void/Broken Ground

IGNEOUS

- Coarse Grained Igneous
- Medium Grained Igneous
- Fine Grained Igneous

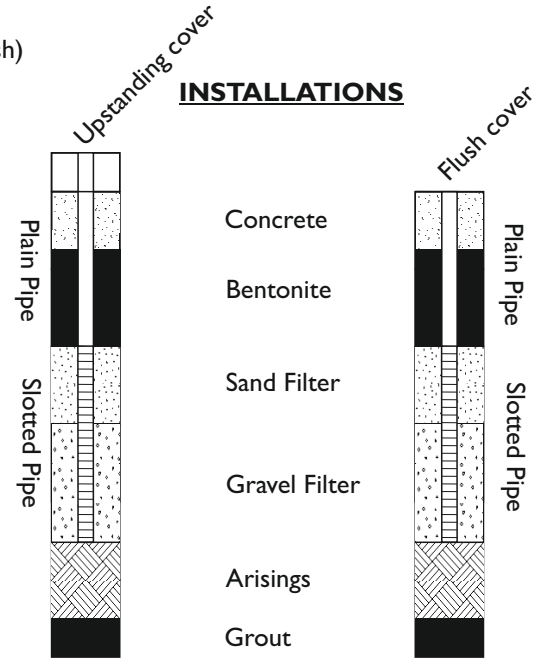
METAMORPHIC

- Coarse Grained Metamorphic
- Medium Grained Metamorphic
- Fine Grained Metamorphic

WATER SYMBOLS

- Water Level (after 20 minutes)
- Water Strike

INSTALLATIONS



Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP01
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.18	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.44 × 0.4, Depth 0.56	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.15	ES		0.14	158.04		Grass over TOPSOIL: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subrounded fine to medium of brick, quartzite and siltstone.)
▼				0.27	157.91		MADE GROUND: (Comprising moderately compact brown slightly sandy gravelly Silt with low cobble content and occasional fine roots throughout. Sand is fine to coarse. Gravel is angular fine to coarse of brick, siltstone and charcoal.)
				0.56	157.62		Dense olive green grey angular tabular COBBLES of siltstone with little sandy silt. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)
							End of pit at 0.56 m

1
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Remarks: Groundwater seepage at c.0.45m depth.
Hand excavated.
To be read in conjunction with Trial Pit Sketch TP01.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP02
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.84	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 1.20 (0.44 × 0.3)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	157.74		Grass over TOPSOIL: (Comprising soft brown slightly sandy slightly gravelly silty Clay with abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is subrounded fine of sandstone.)
				0.19	157.65		CONCRETE.
							MADE GROUND: (Comprising moderately compact grey brown sandy very clayey angular to subangular fine to coarse Gravel of siltstone with lesser brick.)
				0.50	157.34		Medium dense olive green grey angular tabular COBBLES of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.20	156.64		End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP02.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP03
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.85	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 1.40	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	157.75		Grass over TOPSOiL: (Comprising soft brown slightly sandy slightly gravelly silty CLay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is angular fine of brick and siltstone.)
	0.30	ES		0.69	157.16		MADE GROUND: (Comprising moderately compact brown grey sandy clayey angular to subangular fine to coarse Gravel of siltstone with lesser brick and charcoal. Medium cobble content. Locally pockets of brown clay. Sand is fine to coarse. Cobbles are angular tabular of siltstone)
	1.00	D		1.40	156.45		Possible MADE GROUND: (Comprising soft olive green grey slightly sandy gravelly locally very gravelly Clay. Gravel is angular to subangular fine to coarse of siltstone.)
							End of pit at 1.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP03.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP04
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.00	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 1.00 (0.4 × 0.25)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.02	156.98		Loosely compact blue grey angular medium to coarse basalt chippings. MADE GROUND: (Comprising soft red brown slightly sandy gravelly Clay with medium cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick and siltstone. Cobbles are angular tabular of siltstone and lesser brick.)
	0.40	ES					
				0.80	156.20		Dense olive green grey angular COBBLES of siltstone bound with slightly sand slightly gravelly clay. Sand is fine to medium. Gravel is angular to subangular fine to coarse of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.00	156.00		End of pit at 1.00 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP04.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP05
Sheet 1 of 1

Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.31	Date 06/07/2021
Location: Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.42 × 0.4, Depth 0.40	Scale 1:15
Client: Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.14	157.17		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with some extraneous material and abundant fine fibrous roots throughout. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and brick.)
	0.20	D		0.40	156.91		Very weak thinly bedded light brown grey SILTSTONE with rare fine roots to 0.20m depth. Recovered as slightly silty sandy angular to subangular fine to coarse gravel. (UPPER LUDLOW SHALES)
							End of pit at 0.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP05.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP06
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.64	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.17 (0.45 × 0.35)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	156.47		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly Clay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone, brick and charcoal.) *c.0.17m depth: Pit terminated on very weak olive green grey Siltstone with occasional marine fossils.* End of pit at 0.17 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP06.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP07
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 155.82	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 0.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and brick.)
				0.28	155.54		
				0.30	155.52		Very weak olive green grey SILTSTONE recovered as angular coarse gravel. (UPPER LUDLOW SHALES)
							End of pit at 0.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP07.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP08
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.75	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.24	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	157.58		Grass over TOPSOIL: (Comprising loosely compact grey brown slightly sandy slightly gravelly Silt with some extraneous material, low cobble content and abundant fine roots up to 5mmØ. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick and siltstone.)
				0.24	157.51		Very weak thinly bedded olive green grey SILTSTONE with fine roots penetrating. (UPPER LUDLOW SHALES)
							c.0.24m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.24 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP08.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP09
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 159.69	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.13 (0.4 × 0.35)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	159.59		Weak pale grey CONCRETE. 50% aggregate angular to subangular fine to medium of siltstone. 50% matrix of fines. DPM at base.
				0.13	159.56		Very weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.13 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP09.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP10
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 159.69	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.16	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	159.59		Weak pale grey CONCRETE. 50% aggregate angular to subrounded fine to medium of siltstone. 50% matrix of fines. DPM at base.
				0.14	159.55		MADE GROUND: (Comprising loosely compact red fine to coarse Sand with pockets of brown sandy clay.)
				0.16	159.53		Very weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.16 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP10.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP11
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.30	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 1.20	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	ES					MADE GROUND: (Comprising soft brown grey slightly sandy slightly gravelly locally gravelly Clay. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick, siltstone and rare concrete.)
				1.20	155.10		*c.1.20m depth: Pit terminated on apparent Siltstone bedrock.* End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP11.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP12
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 155.08	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.60	0.4 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES					Gravel chippings / TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with little extraneous material, occasional fine roots and rare roots up to 10mmØ throughout. Sand is fine to medium. Gravel is angular to subrounded fine to coarse typically fine of brick, charcoal and siltstone.)
							c.0.45-0.60m depth: In N end of pit- Siltstone bedrock exposed below footing. Siltstone penetrated by rare fine roots.
				0.60	154.48		*c.0.60m depth: Pit terminated on Siltstone bedrock.*
							End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP12.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP13
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.21	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.50	0.45 / 0.43	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES					Grass over TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with abundant fine fibrous roots throughout and occasional roots up to 10mmØ to 0.30m depth. Sand is fine to medium. Gravel is angular fine of siltstone with rare brick and charcoal.)
							c.0.25m depth: Root penetration through footing.
				0.42	152.79		Very weak olive green grey SILTSTONE recovered as slightly silty slightly sandy angular fine to coarse gravel. (UPPER LUDLOW SHALES)
	0.60	D		0.50	152.71		End of pit at 0.50 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP13.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP14
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.75	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.88	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	153.65		Grass over TOPSOIL: (Comprising loosely compact dark grey slightly sandy slightly gravelly Silt with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subrounded fine to medium typically fine of charcoal, clinker and rare glass.)
	0.40	ES					SUBSOIL: (Comprising light brown grey slightly sandy slightly gravelly Silt with rare extraneous material and occasional fine roots throughout. Abundant fine fibrous roots to 0.30m depth and 1 No. 70mmØ root at 0.15m depth. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone and rare brick.)
							At 0.20m depth: Mexecone - 1,2.5,3,2,3.5,5,5,7,9.
				0.60	153.15		Firm olive green grey slightly sandy gravelly SILT. Sand is fine to medium. Gravel is angular to subrounded fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
	0.75	D		0.88	152.87		End of pit at 0.88 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP15
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.50	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.55	0.35 × 0.32	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.12	153.38		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with little extraneous material and abundant fine fibrous roots throughout and 1 No. 35mmØ root at 0.05m depth. Sand is fine to medium. Gravel is angular to subangular fine of charcoal.)
	0.30	ES		0.55	152.95		MADE GROUND: (Comprising soft dark brown mottled beige and orange slightly sandy slightly gravelly Clay with low cobble content and rare fine roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone, brick, concrete and lesser charcoal. Cobbles are angular of siltstone.)
							At 0.25m depth: Mexecone - 0.5,1,Refusal.
							End of pit at 0.55 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP16
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.35	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.35 × 0.3, Depth 0.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.09	153.26		Grass over TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with little extraneous material and abundant fine fibrous roots throughout. Bed of fine roots at base. Sand is fine to medium. Gravel is angular fine to medium of siltstone and lesser brick.)
	0.20	ES		0.30	153.05		SUBSOIL: (Comprising soft dark brown slightly sandy slightly gravelly Clay with abundant fine roots up to 10mmØ throughout and 1 No. 35mmØ root. Sand is fine to coarse. Gravel is angular fine to coarse of brick, siltstone and rare charcoal.)
							End of pit at 0.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP17
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 152.70	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.26 (0.31 × 0.28)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.07	152.63		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly clayey Silt with abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is angular to subangular fine to medium of siltstone.)
				0.26	152.44		SUBSOIL: (Comprising soft to firm light brown grey slightly sandy slightly gravelly Silt with abundant fine roots throughout. Sand is fine to medium. Gravel is angular to subangular fine to coarse of siltstone.)
							End of pit at 0.26 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP18
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.50	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.7 × 0.5, Depth 0.60	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.25	158.25		MADE GROUND: (Comprising loosely compact light brown slightly sandy slightly gravelly Silt with medium cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone an brick with rare charcoal and slate.)
				0.60	157.90		MADE GROUND: (Comprising moderately compact brown angular Cobbles of siltstone bound with slightly sandy gravelly silt. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone and brick.)
							End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP18.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP19
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.20	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.60	0.43 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.10		Weak pale grey CONCRETE. 50% aggregate angular to subrounded fine to medium of siltstone. 50% matrix of fines.
				0.20	158.00		MADE GROUND: (Comprising dark grey subangular Cobbles of basalt.)
				0.26	157.94		MADE GROUND: (Comprising firm green grey slightly sandy slightly gravelly clayey Silt. Sand is fine to coarse. Gravel is angular to subangular fine of brick, charcoal and siltstone.)
	0.40	ES					Medium dense olive green grey silty sandy angular to subangular fine to coarse typically medium to coarse GRAVEL with medium cobble content. Sand is fine to medium. Cobbles are angular to siltstone. (WEATHERED UPPER LUDLOW SHALES)
				0.60	157.60		End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP19.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP20
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.10	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.95 — 0.4 × 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.00		Weak grey CONCRETE. 50% aggregate angular fine of siltstone. 50% matrix of fines.
							MADE GROUND: (Comprising loosely compact brown grey angular tabular Cobbles of dominantly siltstone with lesser brick.)
				0.95	157.15		End of pit at 0.95 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP20.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP21
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.20	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.95	0.58 × 0.44	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.10		Brick sets (on edge).
	0.30	ES					MADE GROUND: (Comprising soft to firm grey brown slightly sandy slightly gravelly Silt with low cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and lesser brick and plastic. Cobbles are angular tabular of siltstone.)
				0.68	157.52		Very weak olive green grey SILTSTONE recovered as sandy silty angular fine to coarse gravel. (UPPER LUDLOW SHALES)
				0.95	157.25		End of pit at 0.95 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP21.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP22
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.60	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 1.53 (0.5 × 0.45)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.40	ES					Siltstone Chippings / MADE GROUND: (Comprising loosely compact pink brown slightly sandy clayey silty angular to subangular fine to coarse Gravel of brick, concrete and siltstone with low cobble content. Sand is fine to coarse. Cobbles are angular of siltstone.)
				0.75	156.85		
	1.00	D					Soft olive green grey slightly sandy slightly gravelly clayey SILT. Sand is fine to medium. Gravel is angular to subangular fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
	1.50	D					
				1.53	156.07		End of pit at 1.53 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP22.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP23
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.90	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.33	0.7 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.02	156.88		MADE GROUND: (Comprising loosely compact light brown yellow silty gravelly fine to coarse Sand. Gravel is angular fine to coarse of siltstone with timber fragments and straw.)
	0.20	D					Very weak brown grey SILTSTONE. (UPPER LUDLOW SHALES)
				0.33	156.57		End of pit at 0.33 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. Very dry. Rock chipped out with hand tools. To be read in conjunction with Trial Pit Sketch TP23.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP24
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.90	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.40 (0.4 × 0.4)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.09	156.81		COBBLE sets comprising subrounded quartzite.
	0.20	ES					MADE GROUND: (Comprising moderately compact grey brown sandy very clayey angular to subangular fine to coarse Gravel of siltstone with rare brick and pockets of soft brown gravelly clay.)
							c.0.09-0.40m depth: In S face of pit - Siltstone bedrock exposed.
				0.40	156.50		End of pit at 0.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP24.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP25
Sheet 1 of 1

Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.80	Date 08/07/2021
Location: Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 0.55	Scale 1:15
Client: Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES					MADE GROUND: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with low cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone, plastic, straw and rare polystyrene. Cobbles are angular of siltstone.) *c.0.3m depth: Siltstone bedrock exposed in N, W and S faces of pit below footing.*
				0.55	156.25		*c.0.55m depth: Pit terminated on Siltstone bedrock.* End of pit at 0.55 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP25.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP26
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.80	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.45 Depth 0.22	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	156.70		Cobble sets comprising cemented subangular to subrounded of quartzite.
				0.22	156.58		Very weak thinly bedded olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.22 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP26.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP27
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.66	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 x 0.45 Depth 0.26	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.07	157.59		Brick Sets (laid flat).
	0.20	D		0.26	157.40		Medium dense olive green grey slightly sandy silty angular to subangular fine to coarse GRAVEL of siltstone. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)
							c.0.26m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.26 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP27.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP28
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.65	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.21 (0.3 × 0.3)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.55		Weak pale grey CONCRETE. 50% aggregate. 50% matrix of fines.
	0.15	ES		0.21	158.44		MADE GROUND: (Comprising loosely compact brown grey very silty fine to medium Sand. Gravel is angular to subangular of siltstone and brick.)
							c.0.21m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.21 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP29
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.19	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.58	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	156.02		Grass over TOPSOIL: (Comprising soft brown slightly sandy slightly gravelly clayey Silt with little extraneous material and abundant fine fibrous roots throughout. Rare roots up to 10mmØ. Sand is fine to medium. Gravel is angular to subangular fine of brick, siltstone and charcoal.)
	0.30	ES					SUBSOIL: (Comprising soft to firm grey brown slightly sandy slightly gravelly clayey Silt with occasional fine roots throughout. Sand is fine to medium. Gravel is angular fine of siltstone and rare brick.)
	0.50	D		0.48	155.71		Medium dense olive green grey mottled orange silty sandy angular to subangular fine to coarse GRAVEL of siltstone. Sand is fine to medium.
				0.58	155.61		*c.0.58m depth: Pit terminated on Siltstone bedrock.*
							End of pit at 0.58 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP30
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.30	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.5 × 0.5, Depth 1.20	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.40	ES					Probable MADE GROUND: (Comprising moderately compact olive green grey angular tabular COBBLES of siltstone bound with much slightly sandy slightly gravelly silt. Sand is fine to medium. Gravel is angular fine to coarse of siltstone.)
				1.20	157.10		End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP30.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP31
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.25	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.6 x 0.6 Depth 1.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
							MADE GROUND: (Comprising loosely compact brown angular tabular Cobbles of siltstone with some brown sandy silt.)
				0.95	157.30		
	1.20	D					Firm olive green grey slightly sandy gravelly SILT. Sand is fine to medium. Gravel is angular fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.30	156.95		End of pit at 1.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP31.

Stability: Spalling to 1.0m depth.

Intégrale
Understanding Ground Conditions

Suite 7, Westway Farm Business Park
Wick Road
Bishop Sutton
BS39 5XP
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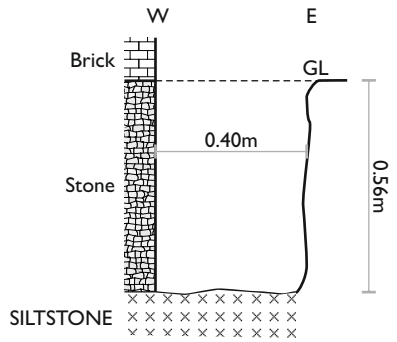
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP01-TP04**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

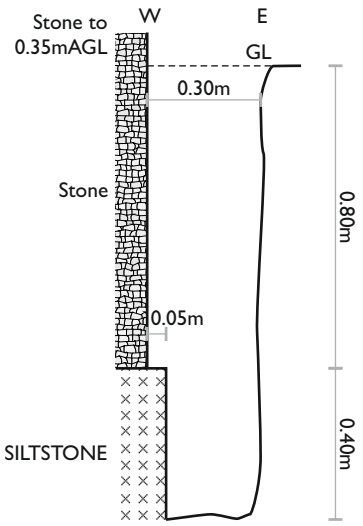
TP01

Section



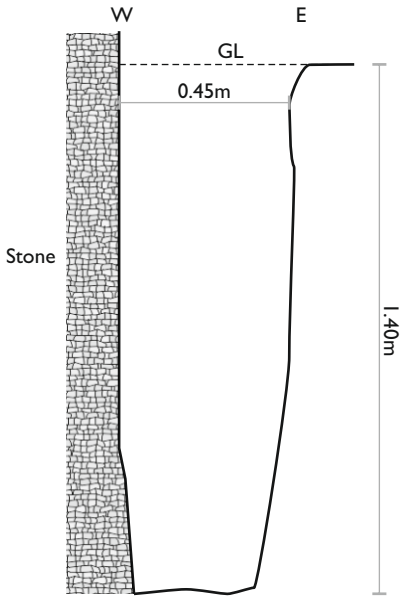
TP02

Section



TP03

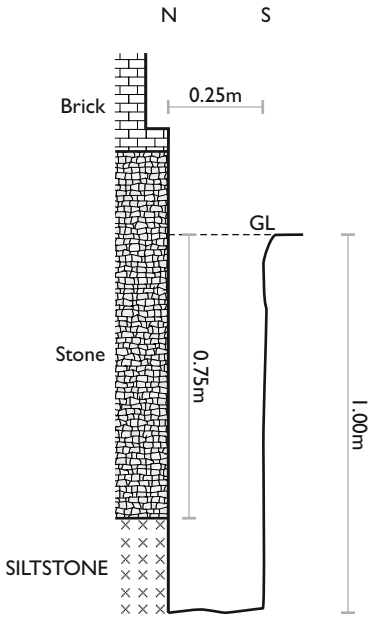
Section



Base of footing unclear/not proven

TP04

Section



Note: To be read in conjunction with detailed Trial Pit logs TP01, TP02, TP03 and TP04.

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Understanding Ground Conditions

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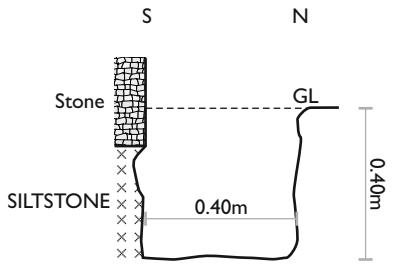
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP05-TP08**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

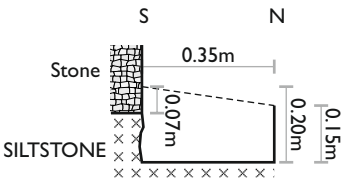
TP05

Section



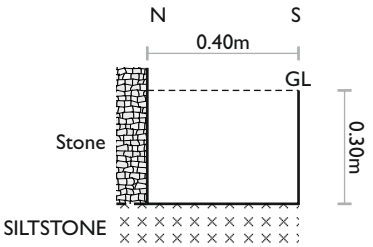
TP06

Section



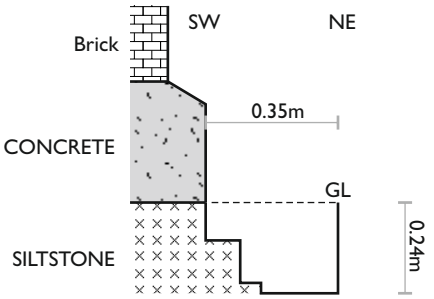
TP07

Section



TP08

Section



Note: To be read in conjunction with detailed Trial Pit logs TP05, TP06 and TP08.

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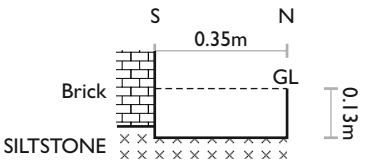
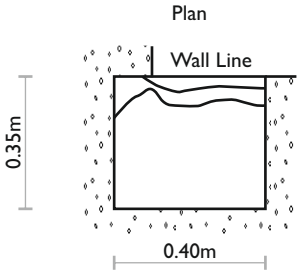
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP09-TP12**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 6-7/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

TP09

Section

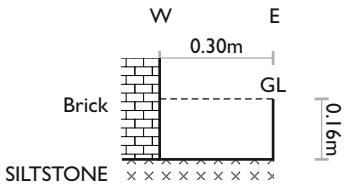


Plan

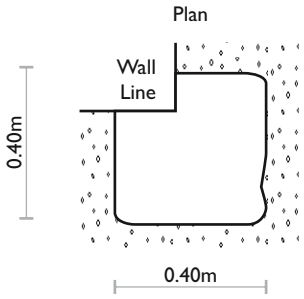


TP10

Section

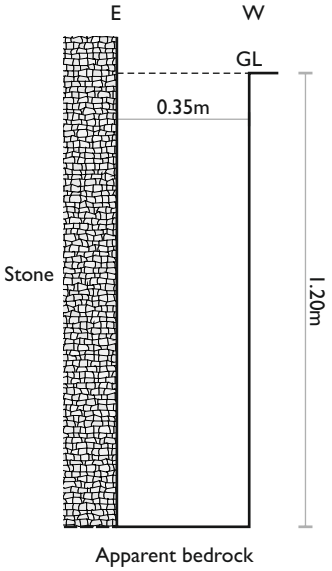


Plan



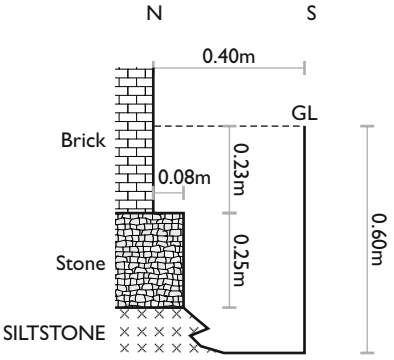
TP11

Section



TP12

Section



Note: To be read in conjunction with detailed Trial Pit logs TP09, TP10, TP11 and TP12.

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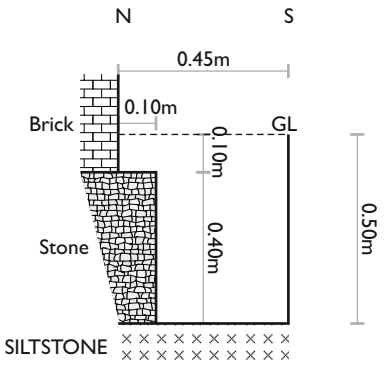
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	**TP13-TP16**
Logged by: Joseph Begaj	Scale: 1:20	

TP13

Section



TP14

No Sketch

TP15

No Sketch

TP16

No Sketch

Note: To be read in conjunction with detailed Trial Pit log TP13.

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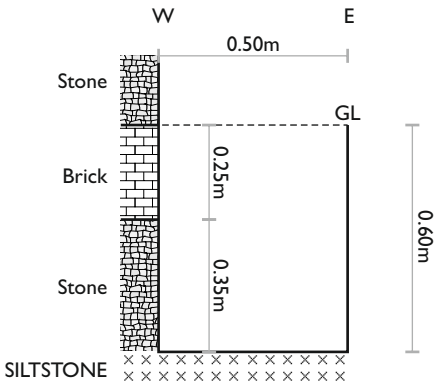
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP17-TP20**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

TP17

No Sketch

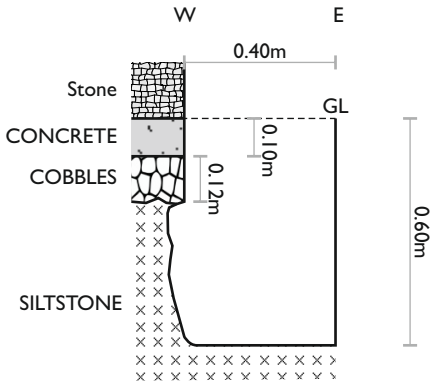
TP18

Section



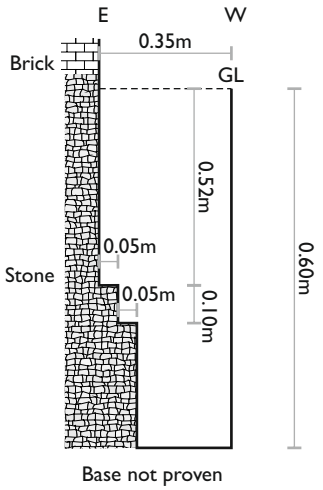
TP19

Section



TP20

Section



Base not proven

Note: To be read in conjunction with detailed Trial Pit log TP18, TP19 and TP20.

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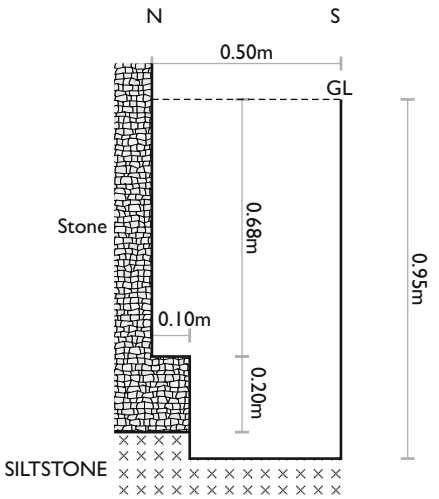
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP21-TP23**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 7-8/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

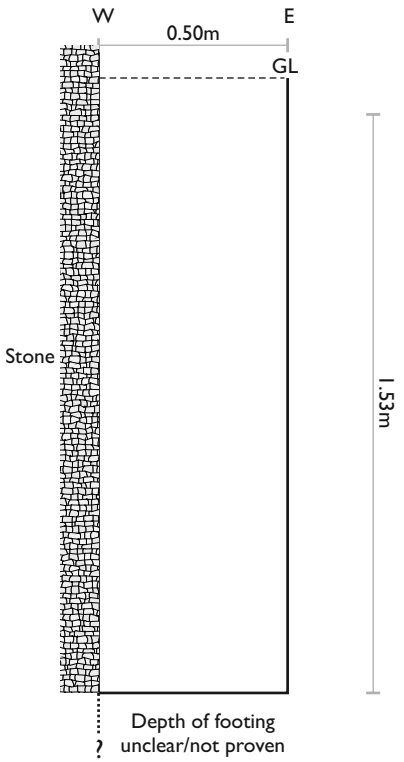
TP21

Section



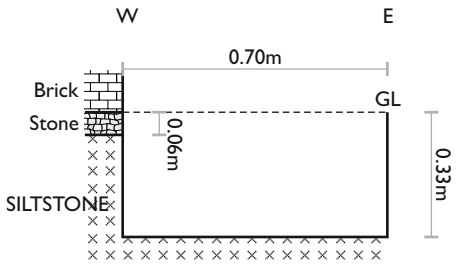
TP22

Section

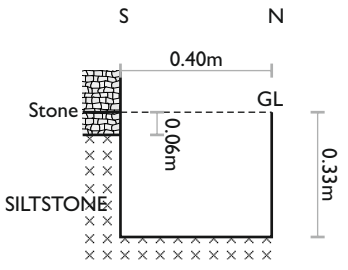


TP23

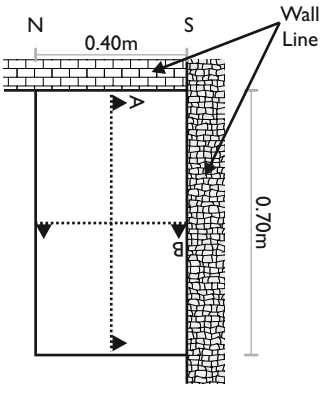
Section A



Section B



Plan



Note: To be read in conjunction with detailed Trial Pit log TP21, TP22 and TP23.

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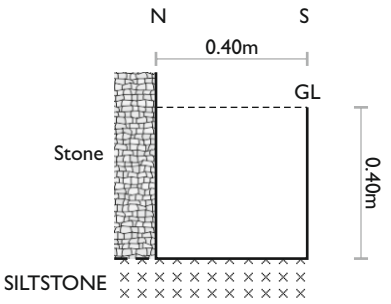
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP24-TP27**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

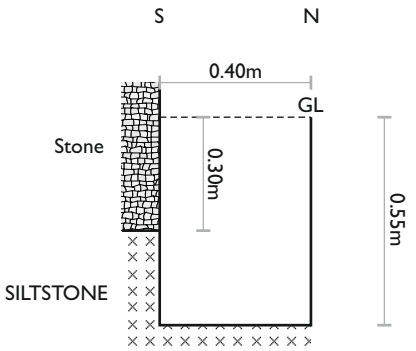
TP24

Section



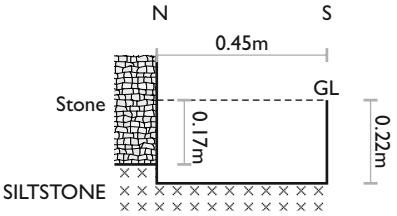
TP25

Section



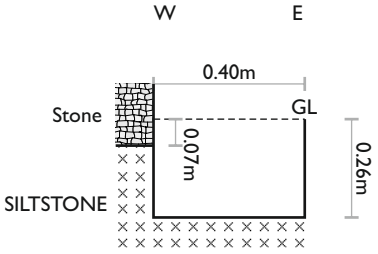
TP26

Section



TP27

Section



Note: To be read in conjunction with detailed Trial Pit log TP24, TP25, TP26 and TP27.

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Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	**TP28-TP31**
Logged by: Joseph Begaj	Scale: 1:20	

TP28

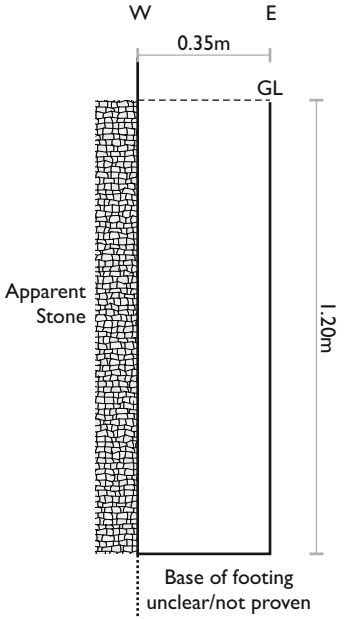
No Sketch

TP29

No Sketch

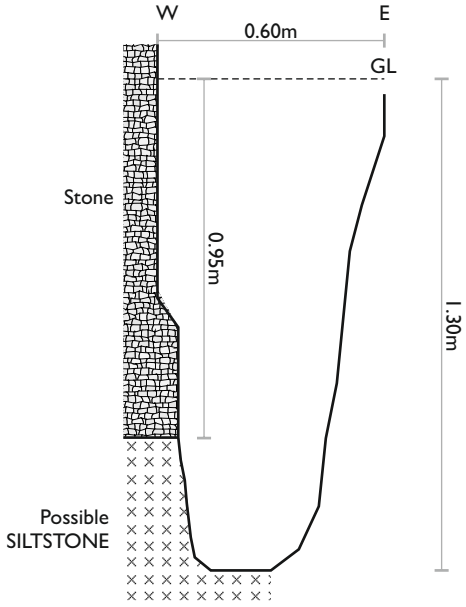
TP30

Section



TP31

Section



Note: To be read in conjunction with detailed Trial Pit log TP30 and TP31.

Appendix D

Trial Pit Logs & Sketches

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Registered Office: The Granary, Chewton Fields, Ston Easton, Somerset, BA3 4BX United Kingdom VAT Reg. No. 609 7402 37

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BS39 5XP, United Kingdom

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STANDARD METHODOLOGY FOR MECHANICAL TRIAL PITTING

Trial pits are mechanically excavated using a wheeled or tracked backhoe or mini-excavator, typically fitted with toothed buckets. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure 1 and the trial pit records included as a separate appendix.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out insitu testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Insitu testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed from within the pit to depths of approximately 1.2m below ground level and within excavated spoil below this. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m^2.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted with the excavator bucket and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.

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STANDARD METHODOLOGY FOR HAND EXCAVATED TRIAL PITS

Trial pits are manually excavated using hand tools with assistance from a mechanical excavator where possible. The trial pit locations are selected using information on the proposed redevelopment, existing buried services and structures, ongoing site use, reinstatement requirements and time constraints. Those positions are shown on Figure 1 and the trial pit records included as a separate appendix. Where necessary, details of exposed foundations are annotated on a measured sketch section appended to the trial pit records.

Trial pitting was directed and supervised full-time by an experienced engineering geologist who carried out testing, kept a record of the strata encountered, noted the pit side stability and ease of digging, any water ingresses, took photographs and recovered representative disturbed samples.

Testing comprised hand shear vane measurement in appropriate cohesive strata to provide a direct reading of insitu undrained shear strength. Tests were completed on recovered samples from the pit to depths of up to approximately 1.0m below ground level. The hand shear vane is inserted into cohesive soil and rotated at an even speed equivalent to one rotation per 60 seconds. Three tests are typically taken and the average result used as the undrained shear strength in kN/m^2. If the material is suitable, the soil strength is examined using a pocket penetrometer.

Mexicone penetrometer testing was undertaken either from ground level or at shallow depth within trial pits and the test results are included in the trial pit records. The mexicone penetrometer is a simple, hand-held device which gives a direct read out of equivalent CBR strength, on a cylindrical gauge. Readings are recorded for each 75mm penetration and where suitable soils are present, successive readings up to 0.6m total penetration can be achieved. However, the test can abort on coarse granular soils or other obstructions and in this case the term 'refusal' is given in the test records.

On completion the pits were backfilled with their spoil, compacted by hand and the surplus left mounded to allow for subsequent consolidation settlement. If specific reinstatement has been requested by the client, this is confirmed in the main text of this report.

The trial pit records have been prepared using Gint software, taking into account both site descriptions and subsequent laboratory testing.

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EXPLORATORY HOLE EXPLANATION SHEET

SAMPLES AND TESTS

AMAL	Amalgamated sample
B	Bulk disturbed sample
BLK	Block sample
C	Core sample
CBR	CBR mould sample
D	Small disturbed sample
ES	Environmental sample
EW	Environmental water sample
G	Gas sample
J	Jar sample
LB	Large bulk disturbed sample
M	Mazier type sample
SPTLS	Standard penetration sample
TW	Thin-walled push in sample
U	Undisturbed sample - open drive
UT	Thin wall open drive tube sampler
W	Water sample
HVP	Hand-held shear vane test
HSV	Hand-held shear vane test
MEX	Mexicone penetrometer test
PID	Photoionization detector (gas)

SOILS

- Topsoil
- Concrete
- Made Ground (Fill)
- Peat
- Clay
- Silt
- Sand
- Gravel
- Cobbles
- Boulders

Note: composite soil types will be signified by combined soil types e.g.

- Silty Sand

SEDIMENTARY

- Chalk
- Limestone
- Conglomerate
- Breccia
- Sandstone
- Siltstone
- Mudstone
- Shale
- Coal
- Pyroclastic (Volcanic Ash)
- Gypsum, Rocksalt, etc.
- Void/Broken Ground

IGNEOUS

- Coarse Grained Igneous
- Medium Grained Igneous
- Fine Grained Igneous

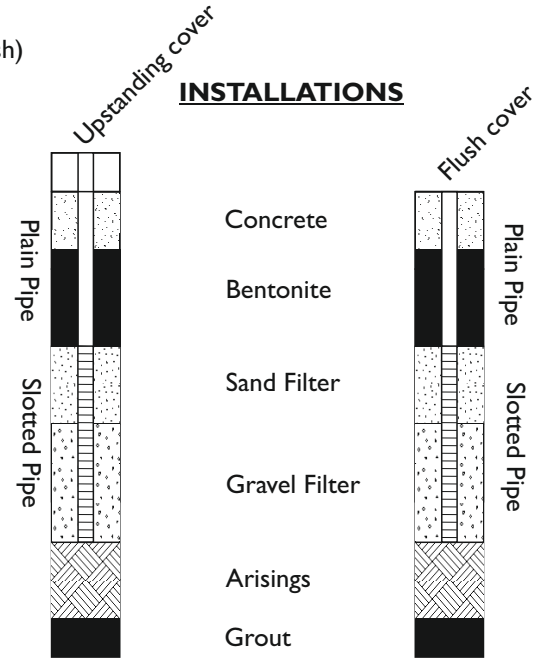
METAMORPHIC

- Coarse Grained Metamorphic
- Medium Grained Metamorphic
- Fine Grained Metamorphic

WATER SYMBOLS

- Water Level (after 20 minutes)
- Water Strike

INSTALLATIONS



Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP01
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.18	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.44 × 0.4, Depth 0.56	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.15	ES		0.14	158.04		Grass over TOPSOIL: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subrounded fine to medium of brick, quartzite and siltstone.)
▼				0.27	157.91		MADE GROUND: (Comprising moderately compact brown slightly sandy gravelly Silt with low cobble content and occasional fine roots throughout. Sand is fine to coarse. Gravel is angular fine to coarse of brick, siltstone and charcoal.)
				0.56	157.62		Dense olive green grey angular tabular COBBLES of siltstone with little sandy silt. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)
							End of pit at 0.56 m

1
2
3

Remarks: Groundwater seepage at c.0.45m depth.
Hand excavated.
To be read in conjunction with Trial Pit Sketch TP01.

Stability: Stable.

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Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP02
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.84	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 1.20 (0.44 × 0.3)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	157.74		Grass over TOPSOIL: (Comprising soft brown slightly sandy slightly gravelly silty Clay with abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is subrounded fine of sandstone.)
				0.19	157.65		CONCRETE.
							MADE GROUND: (Comprising moderately compact grey brown sandy very clayey angular to subangular fine to coarse Gravel of siltstone with lesser brick.)
				0.50	157.34		Medium dense olive green grey angular tabular COBBLES of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.20	156.64		End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP02.

Stability: Stable.

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Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP03
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.85	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 1.40	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	157.75		Grass over TOPSOiL: (Comprising soft brown slightly sandy slightly gravelly silty CLay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is angular fine of brick and siltstone.)
	0.30	ES		0.69	157.16		MADE GROUND: (Comprising moderately compact brown grey sandy clayey angular to subangular fine to coarse Gravel of siltstone with lesser brick and charcoal. Medium cobble content. Locally pockets of brown clay. Sand is fine to coarse. Cobbles are angular tabular of siltstone)
	1.00	D		1.40	156.45		Possible MADE GROUND: (Comprising soft olive green grey slightly sandy gravelly locally very gravelly Clay. Gravel is angular to subangular fine to coarse of siltstone.)
							End of pit at 1.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP03.

Stability: Stable.

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Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP04
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.00	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 1.00 (0.4 × 0.25)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.02	156.98		Loosely compact blue grey angular medium to coarse basalt chippings. MADE GROUND: (Comprising soft red brown slightly sandy gravelly Clay with medium cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick and siltstone. Cobbles are angular tabular of siltstone and lesser brick.)
	0.40	ES					
				0.80	156.20		Dense olive green grey angular COBBLES of siltstone bound with slightly sand slightly gravelly clay. Sand is fine to medium. Gravel is angular to subangular fine to coarse of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.00	156.00		End of pit at 1.00 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP04.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP05
Sheet 1 of 1

Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.31	Date 06/07/2021
Location: Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.42 × 0.4, Depth 0.40	Scale 1:15
Client: Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.14	157.17		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with some extraneous material and abundant fine fibrous roots throughout. Sand if fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and brick.)
	0.20	D		0.40	156.91		Very weak thinly bedded light brown grey SILTSTONE with rare fine roots to 0.20m depth. Recovered as slightly silty sandy angular to subangular fine to coarse gravel. (UPPER LUDLOW SHALES)
							End of pit at 0.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP05.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP06
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.64	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.17 (0.45 × 0.35)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	156.47		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly Clay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone, brick and charcoal.) *c.0.17m depth: Pit terminated on very weak olive green grey Siltstone with occasional marine fossils.* End of pit at 0.17 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP06.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP07
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 155.82	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 0.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES					Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and brick.)
				0.28	155.54		
				0.30	155.52		Very weak olive green grey SILTSTONE recovered as angular coarse gravel. (UPPER LUDLOW SHALES)
							End of pit at 0.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP07.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP08
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.75	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.24	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	157.58		Grass over TOPSOIL: (Comprising loosely compact grey brown slightly sandy slightly gravelly Silt with some extraneous material, low cobble content and abundant fine roots up to 5mmØ. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick and siltstone.)
				0.24	157.51		Very weak thinly bedded olive green grey SILTSTONE with fine roots penetrating. (UPPER LUDLOW SHALES)
							c.0.24m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.24 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP08.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP09
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 159.69	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.13 (0.4 × 0.35)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	159.59		Weak pale grey CONCRETE. 50% aggregate angular to subangular fine to medium of siltstone. 50% matrix of fines. DPM at base.
				0.13	159.56		Very weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.13 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP09.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP10
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 159.69	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.16	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	159.59		Weak pale grey CONCRETE. 50% aggregate angular to subrounded fine to medium of siltstone. 50% matrix of fines. DPM at base.
				0.14	159.55		MADE GROUND: (Comprising loosely compact red fine to coarse Sand with pockets of brown sandy clay.)
				0.16	159.53		Very weak olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.16 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP10.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP11
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.30	Date 06/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 1.20	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.50	ES					MADE GROUND: (Comprising soft brown grey slightly sandy slightly gravelly locally gravelly Clay. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of brick, siltstone and rare concrete.)
				1.20	155.10		*c.1.20m depth: Pit terminated on apparent Siltstone bedrock.* End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP11.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP12
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 155.08	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.60	0.4 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES					Gravel chippings / TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with little extraneous material, occasional fine roots and rare roots up to 10mmØ throughout. Sand is fine to medium. Gravel is angular to subrounded fine to coarse typically fine of brick, charcoal and siltstone.)
							c.0.45-0.60m depth: In N end of pit- Siltstone bedrock exposed below footing. Siltstone penetrated by rare fine roots.
				0.60	154.48		*c.0.60m depth: Pit terminated on Siltstone bedrock.*
							End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP12.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP13
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.21	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.50	0.45 / 0.43	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES					Grass over TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with abundant fine fibrous roots throughout and occasional roots up to 10mmØ to 0.30m depth. Sand is fine to medium. Gravel is angular fine of siltstone with rare brick and charcoal.)
							c.0.25m depth: Root penetration through footing.
				0.42	152.79		Very weak olive green grey SILTSTONE recovered as slightly silty slightly sandy angular fine to coarse gravel. (UPPER LUDLOW SHALES)
	0.60	D		0.50	152.71		End of pit at 0.50 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP13.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP14
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.75	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.88	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.05	ES		0.10	153.65		Grass over TOPSOIL: (Comprising loosely compact dark grey slightly sandy slightly gravelly Silt with little extraneous material and abundant fine fibrous roots throughout. Sand is fine to coarse. Gravel is angular to subrounded fine to medium typically fine of charcoal, clinker and rare glass.)
	0.40	ES					SUBSOIL: (Comprising light brown grey slightly sandy slightly gravelly Silt with rare extraneous material and occasional fine roots throughout. Abundant fine fibrous roots to 0.30m depth and 1 No. 70mmØ root at 0.15m depth. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone and rare brick.)
							At 0.20m depth: Mexecone - 1,2.5,3,2,3.5,5,5,7,9.
				0.60	153.15		Firm olive green grey slightly sandy gravelly SILT. Sand is fine to medium. Gravel is angular to subrounded fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
	0.75	D		0.88	152.87		End of pit at 0.88 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP15
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.50	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.55	0.35 × 0.32	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.12	153.38		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly silty Clay with little extraneous material and abundant fine fibrous roots throughout and 1 No. 35mmØ root at 0.05m depth. Sand is fine to medium. Gravel is angular to subangular fine of charcoal.)
	0.30	ES		0.55	152.95		MADE GROUND: (Comprising soft dark brown mottled beige and orange slightly sandy slightly gravelly Clay with low cobble content and rare fine roots throughout. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone, brick, concrete and lesser charcoal. Cobbles are angular of siltstone.)
							At 0.25m depth: Mexecone - 0.5,1,Refusal.
							End of pit at 0.55 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP16
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 153.35	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.35 × 0.3, Depth 0.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.09	153.26		Grass over TOPSOIL: (Comprising loosely compact dark brown slightly sandy slightly gravelly clayey Silt with little extraneous material and abundant fine fibrous roots throughout. Bed of fine roots at base. Sand is fine to medium. Gravel is angular fine to medium of siltstone and lesser brick.)
	0.20	ES		0.30	153.05		SUBSOIL: (Comprising soft dark brown slightly sandy slightly gravelly Clay with abundant fine roots up to 10mmØ throughout and 1 No. 35mmØ root. Sand is fine to coarse. Gravel is angular fine to coarse of brick, siltstone and rare charcoal.)
							End of pit at 0.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP17
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 152.70	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.26 (0.31 × 0.28)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.07	152.63		Grass over TOPSOIL: (Comprising soft dark brown slightly sandy slightly gravelly clayey Silt with abundant fine fibrous roots throughout. Sand is fine to medium. Gravel is angular to subangular fine to medium of siltstone.)
				0.26	152.44		SUBSOIL: (Comprising soft to firm light brown grey slightly sandy slightly gravelly Silt with abundant fine roots throughout. Sand is fine to medium. Gravel is angular to subangular fine to coarse of siltstone.)
							End of pit at 0.26 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP18
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.50	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.7 × 0.5, Depth 0.60	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.25	158.25		MADE GROUND: (Comprising loosely compact light brown slightly sandy slightly gravelly Silt with medium cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone an brick with rare charcoal and slate.)
				0.60	157.90		MADE GROUND: (Comprising moderately compact brown angular Cobbles of siltstone bound with slightly sandy gravelly silt. Sand is fine to coarse. Gravel is angular to subangular fine of siltstone and brick.)
							End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP18.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP19
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.20	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.60	0.43 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.10		Weak pale grey CONCRETE. 50% aggregate angular to subrounded fine to medium of siltstone. 50% matrix of fines.
				0.20	158.00		MADE GROUND: (Comprising dark grey subangular Cobbles of basalt.)
				0.26	157.94		MADE GROUND: (Comprising firm green grey slightly sandy slightly gravelly clayey Silt. Sand is fine to coarse. Gravel is angular to subangular fine of brick, charcoal and siltstone.)
	0.40	ES					Medium dense olive green grey silty sandy angular to subangular fine to coarse typically medium to coarse GRAVEL with medium cobble content. Sand is fine to medium. Cobbles are angular to siltstone. (WEATHERED UPPER LUDLOW SHALES)
				0.60	157.60		End of pit at 0.60 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP19.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP20
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.10	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.95 — 0.4 × 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.00		Weak grey CONCRETE. 50% aggregate angular fine of siltstone. 50% matrix of fines.
							MADE GROUND: (Comprising loosely compact brown grey angular tabular Cobbles of dominantly siltstone with lesser brick.)
				0.95	157.15		End of pit at 0.95 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP20.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP21
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.20	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.95	0.58 × 0.44	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.10		Brick sets (on edge).
	0.30	ES					MADE GROUND: (Comprising soft to firm grey brown slightly sandy slightly gravelly Silt with low cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone and lesser brick and plastic. Cobbles are angular tabular of siltstone.)
				0.68	157.52		Very weak olive green grey SILTSTONE recovered as sandy silty angular fine to coarse gravel. (UPPER LUDLOW SHALES)
				0.95	157.25		End of pit at 0.95 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP21.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP22
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.60	Date 07/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 1.53 (0.5 × 0.45)		Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.40	ES					Siltstone Chippings / MADE GROUND: (Comprising loosely compact pink brown slightly sandy clayey silty angular to subangular fine to coarse Gravel of brick, concrete and siltstone with low cobble content. Sand is fine to coarse. Cobbles are angular of siltstone.)
				0.75	156.85		
	1.00	D					Soft olive green grey slightly sandy slightly gravelly clayey SILT. Sand is fine to medium. Gravel is angular to subangular fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
	1.50	D					
				1.53	156.07		End of pit at 1.53 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP22.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP23
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.90	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.33	0.7 / 0.4	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.02	156.88		MADE GROUND: (Comprising loosely compact light brown yellow silty gravelly fine to coarse Sand. Gravel is angular fine to coarse of siltstone with timber fragments and straw.)
	0.20	D					Very weak brown grey SILTSTONE. (UPPER LUDLOW SHALES)
				0.33	156.57		End of pit at 0.33 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. Very dry. Rock chipped out with hand tools. To be read in conjunction with Trial Pit Sketch TP23.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP24
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.90	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.40 (0.4 × 0.4)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.09	156.81		COBBLE sets comprising subrounded quartzite.
	0.20	ES					MADE GROUND: (Comprising moderately compact grey brown sandy very clayey angular to subangular fine to coarse Gravel of siltstone with rare brick and pockets of soft brown gravelly clay.)
							c.0.09-0.40m depth: In S face of pit - Siltstone bedrock exposed.
				0.40	156.50		End of pit at 0.40 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP24.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP25
Sheet 1 of 1

Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.80	Date 08/07/2021
Location: Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.4, Depth 0.55	Scale 1:15
Client: Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES					MADE GROUND: (Comprising loosely compact brown slightly sandy slightly gravelly Silt with low cobble content. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of siltstone, plastic, straw and rare polystyrene. Cobbles are angular of siltstone.) *c.0.3m depth: Siltstone bedrock exposed in N, W and S faces of pit below footing.*
				0.55	156.25		*c.0.55m depth: Pit terminated on Siltstone bedrock.* End of pit at 0.55 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP25.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP26
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.80	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 × 0.45 Depth 0.22	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	156.70		Cobble sets comprising cemented subangular to subrounded of quartzite.
				0.22	156.58		Very weak thinly bedded olive green grey SILTSTONE. (UPPER LUDLOW SHALES)
							End of pit at 0.22 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP26.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP27
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 157.66	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.45 x 0.45 Depth 0.26	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.07	157.59		Brick Sets (laid flat).
	0.20	D		0.26	157.40		Medium dense olive green grey slightly sandy silty angular to subangular fine to coarse GRAVEL of siltstone. Sand is fine to medium. (WEATHERED UPPER LUDLOW SHALES)
							c.0.26m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.26 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker. To be read in conjunction with Trial Pit Sketch TP27.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP28
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.65	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): Depth 0.21 (0.3 × 0.3)	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.10	158.55		Weak pale grey CONCRETE. 50% aggregate. 50% matrix of fines.
	0.15	ES		0.21	158.44		MADE GROUND: (Comprising loosely compact brown grey very silty fine to medium Sand. Gravel is angular to subangular of siltstone and brick.)
							c.0.21m depth: Pit terminated in Siltstone bedrock.
							End of pit at 0.21 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated with breaker.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP29
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 156.19	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER	Dimensions (m): Depth 0.58	0.35 / 0.35	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.17	156.02		Grass over TOPSOIL: (Comprising soft brown slightly sandy slightly gravelly clayey Silt with little extraneous material and abundant fine fibrous roots throughout. Rare roots up to 10mmØ. Sand is fine to medium. Gravel is angular to subangular fine of brick, siltstone and charcoal.)
	0.30	ES					SUBSOIL: (Comprising soft to firm grey brown slightly sandy slightly gravelly clayey Silt with occasional fine roots throughout. Sand is fine to medium. Gravel is angular fine of siltstone and rare brick.)
	0.50	D		0.48	155.71		Medium dense olive green grey mottled orange silty sandy angular to subangular fine to coarse GRAVEL of siltstone. Sand is fine to medium.
				0.58	155.61		*c.0.58m depth: Pit terminated on Siltstone bedrock.*
							End of pit at 0.58 m

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP30
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.30	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.5 × 0.5, Depth 1.20	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.40	ES					Probable MADE GROUND: (Comprising moderately compact olive green grey angular tabular COBBLES of siltstone bound with much slightly sandy slightly gravelly silt. Sand is fine to medium. Gravel is angular fine to coarse of siltstone.)
				1.20	157.10		End of pit at 1.20 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP30.

Stability: Stable.

Intégrale
Understanding Ground Conditions

Trial Pit Log

Trialpit No
TP31
Sheet 1 of 1

Project Name:	Aston Hall Barns, Aston Munslow	Project No. 21035	Co-ords: - Level: 158.25	Date 08/07/2021
Location:	Aston Hall, Aston Munslow, Shropshire, SY7 9ER		Dimensions (m): 0.6 x 0.6 Depth 1.30	Scale 1:15
Client:	Mr. & Mrs. D. Cleevely			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
							MADE GROUND: (Comprising loosely compact brown angular tabular Cobbles of siltstone with some brown sandy silt.)
				0.95	157.30		
	1.20	D					Firm olive green grey slightly sandy gravelly SILT. Sand is fine to medium. Gravel is angular fine to medium of siltstone. (WEATHERED UPPER LUDLOW SHALES)
				1.30	156.95		End of pit at 1.30 m

1
2
3

Remarks: No groundwater encountered.
No visual or olfactory contamination noted.
Hand excavated. To be read in conjunction with Trial Pit Sketch TP31.

Stability: Spalling to 1.0m depth.

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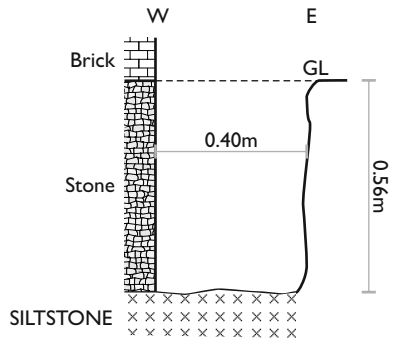
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP01-TP04**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

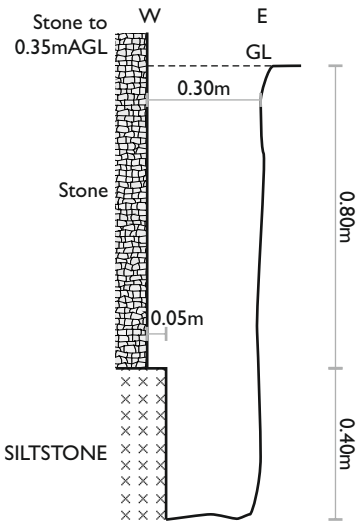
TP01

Section



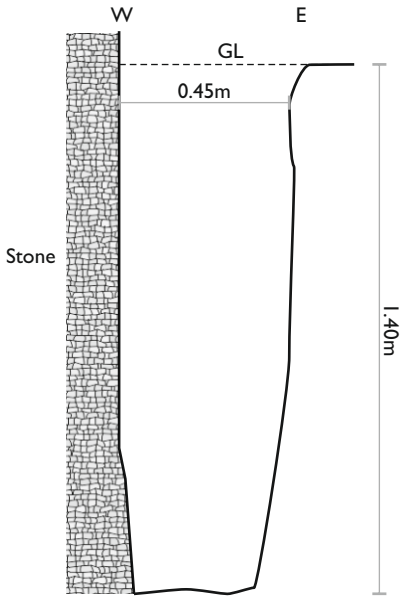
TP02

Section



TP03

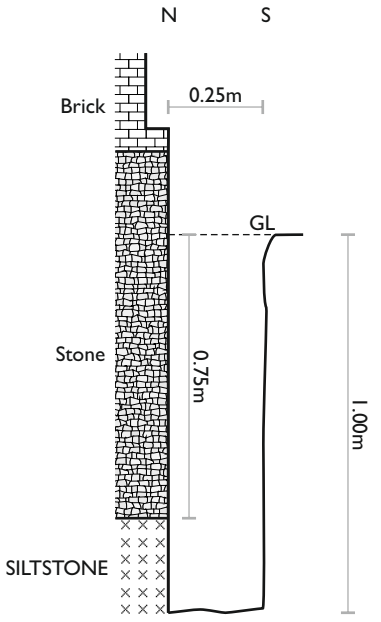
Section



Base of footing unclear/not proven

TP04

Section



Note: To be read in conjunction with detailed Trial Pit logs TP01, TP02, TP03 and TP04.

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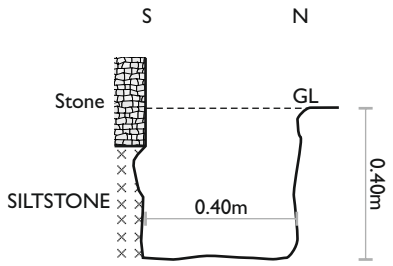
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP05-TP08**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 06/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

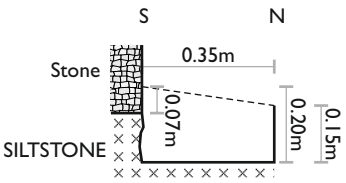
TP05

Section



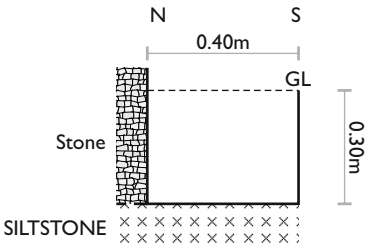
TP06

Section



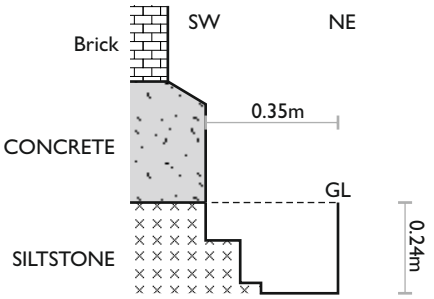
TP07

Section



TP08

Section



Note: To be read in conjunction with detailed Trial Pit logs TP05, TP06 and TP08.

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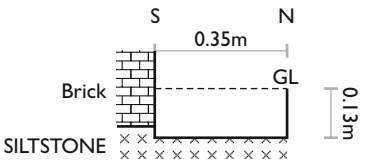
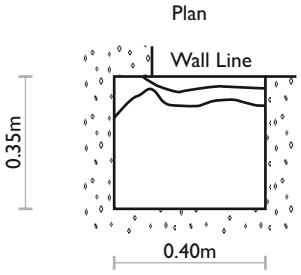
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP09-TP12**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 6-7/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

TP09

Section

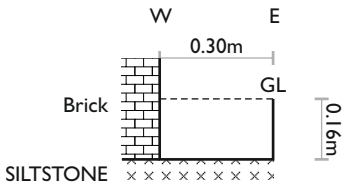


Plan

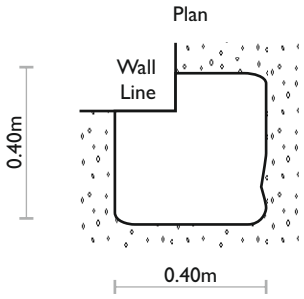


TP10

Section

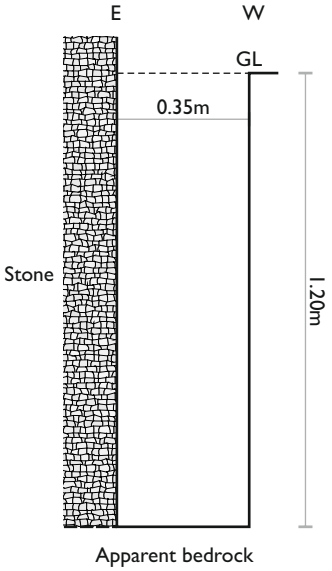


Plan



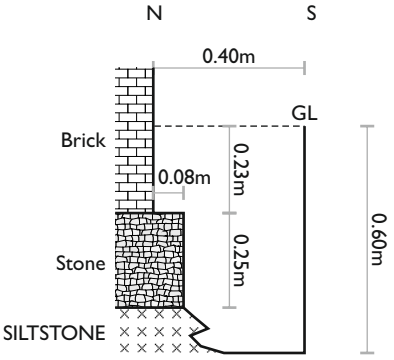
TP11

Section



TP12

Section



Note: To be read in conjunction with detailed Trial Pit logs TP09, TP10, TP11 and TP12.

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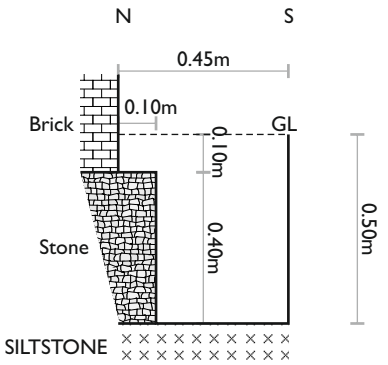
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	**TP13-TP16**
Logged by: Joseph Begaj	Scale: 1:20	

TP13

Section



TP14

No Sketch

TP15

No Sketch

TP16

No Sketch

Note: To be read in conjunction with detailed Trial Pit log TP13.

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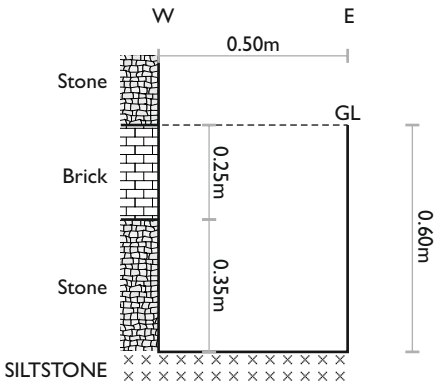
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP17-TP20**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 07/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

TP17

No Sketch

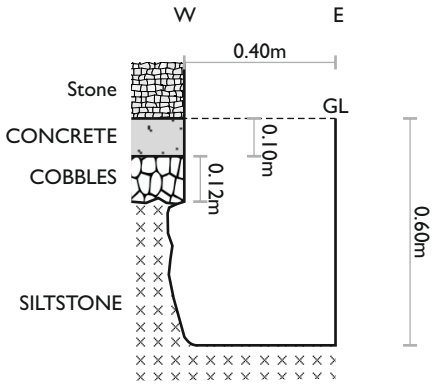
TP18

Section



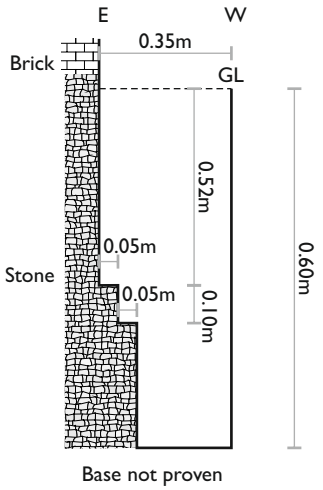
TP19

Section



TP20

Section



Base not proven

Note: To be read in conjunction with detailed Trial Pit log TP18, TP19 and TP20.

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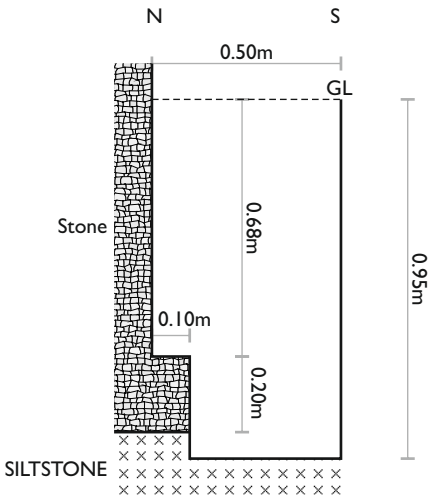
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP21-TP23**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 7-8/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

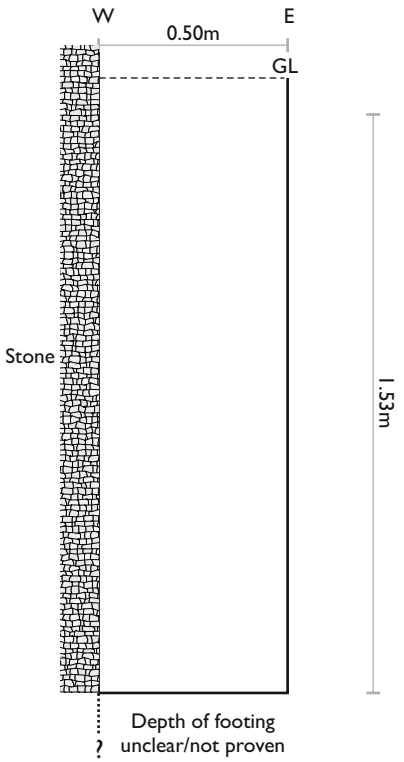
TP21

Section



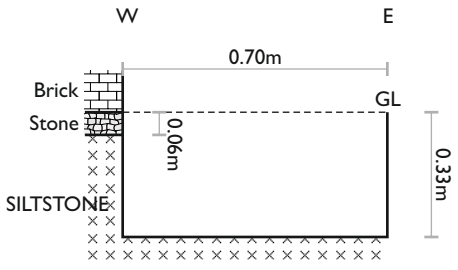
TP22

Section

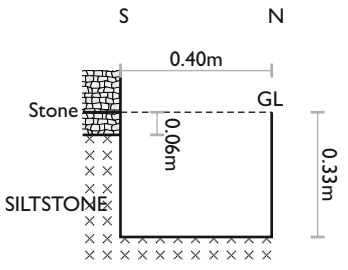


TP23

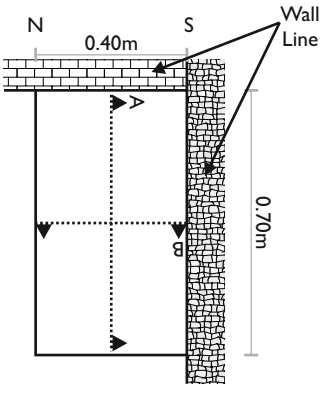
Section A



Section B



Plan



Note: To be read in conjunction with detailed Trial Pit log TP21, TP22 and TP23.

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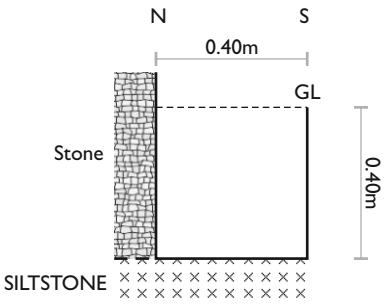
Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch: **TP24-TP27**
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	
Logged by: Joseph Begaj	Scale: 1:20	

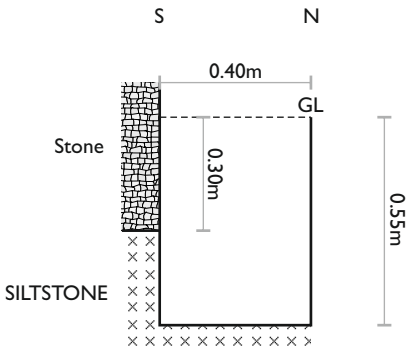
TP24

Section



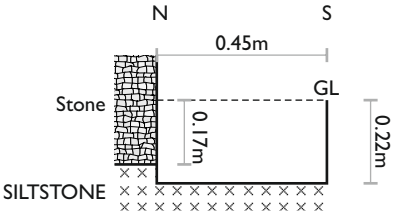
TP25

Section



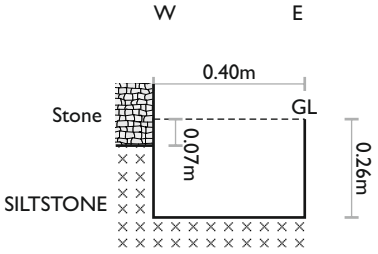
TP26

Section



TP27

Section



Note: To be read in conjunction with detailed Trial Pit log TP24, TP25, TP26 and TP27.

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Project Name: Aston Hall Barns, Aston Munslow	Project No. 21035	Trial Pit Sketch:
Client: Mr. & Mrs. D. Cleevely	Date Excavated: 08/07/2021	**TP28-TP31**
Logged by: Joseph Begaj	Scale: 1:20	

TP28

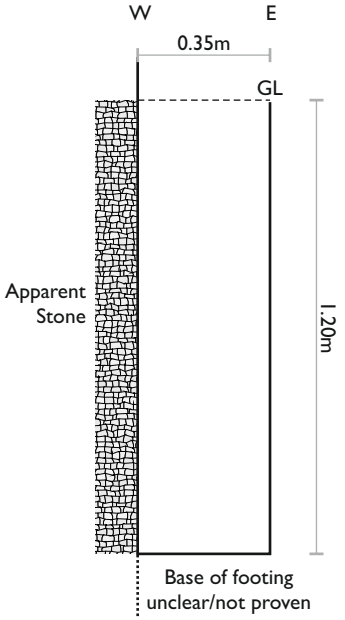
No Sketch

TP29

No Sketch

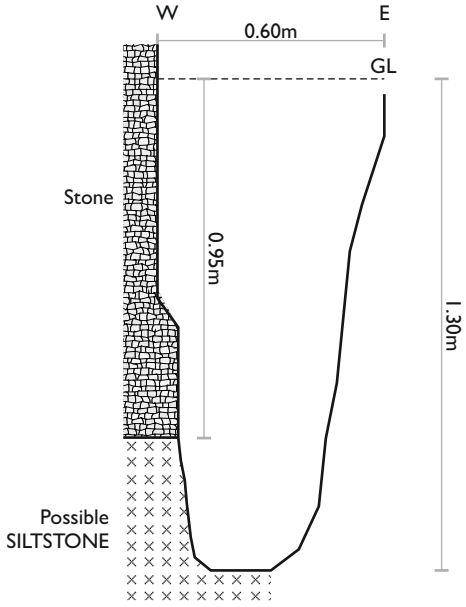
TP30

Section



TP31

Section



Note: To be read in conjunction with detailed Trial Pit log TP30 and TP31.